

Volume

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R0480

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District Cadastral Engineer,
Salt Lake City, Utah

BOOK A-480

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FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION AND THE ESTABLISHMENT OF QUARTER SECTION CORNERS ON THE
NORTH BOUNDARY OF T. 17 S., R. 26 E.; RETRACEMENT OF THE UTAH-COLORADO
STATE BOUNDARY LINE FROM THE 161st. MILE CORNER OF THE 1878 SURVEY TO
THE 163rd. MILE CORNER OF THE RESURVEY, AND THE ESTABLISHMENT OF
QUARTER SECTION CORNERS ON THE UTAH-COLORADO STATE BOUNDARY LINE, ON
THE EAST BOUNDARY OF T. 17 S., R. 26 E.

Of the Salt Lake Base and Meridian,

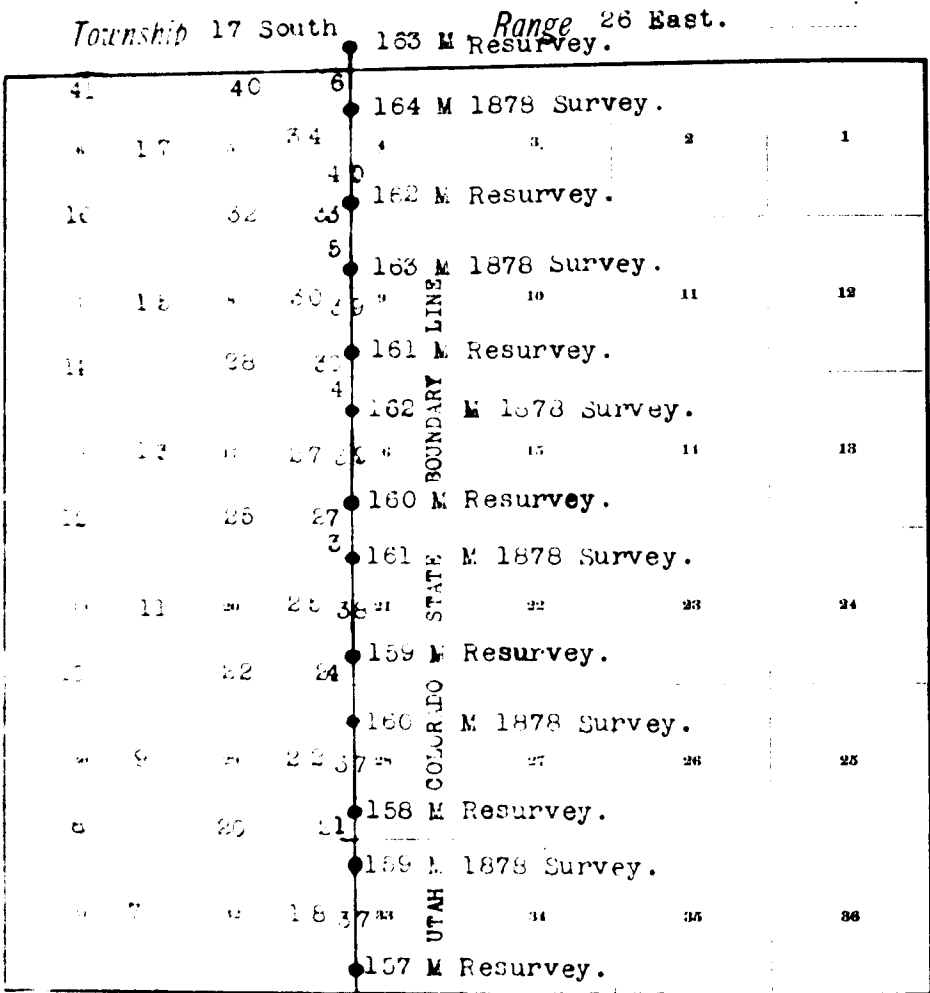
in the State of Utah.

EXECUTED BY

J. C. Clark

in the capacity of U. S. Surveyor, under instructions dated February 10, 1923,
issued by the United States Surveyor General to govern surveys included in
Group No. 133, which were approved by the Commissioner of the General Land
Office, February 24, 1923, 191, pursuant to authority contained in the Act of
Congress dated, 191,
Assignment Instructions dated May 14, 1923.
Elemental Assignment Instructions dated May 10, 1924 and May 5, 1925.
Survey commenced June 14, 1925, 191
Survey completed June 28, 1925, 191

INDEX DIAGRAM.



BOOK A-480

4-679 b

INDEX DIAGRAM.

Township 17 S, Range 26 E
 43 42

6	19	5	36	42	3	2	1
18		34	35				
7	17	8	32	41	10	11	12
16		30	32				
18	15	17	29	49	15	14	13
14		27	29				
19	13	20	27	40	22	23	24
12		24	26				
20	11	29	24	40	27	26	25
10		22	23				
31	9	32	31	39	34	35	36

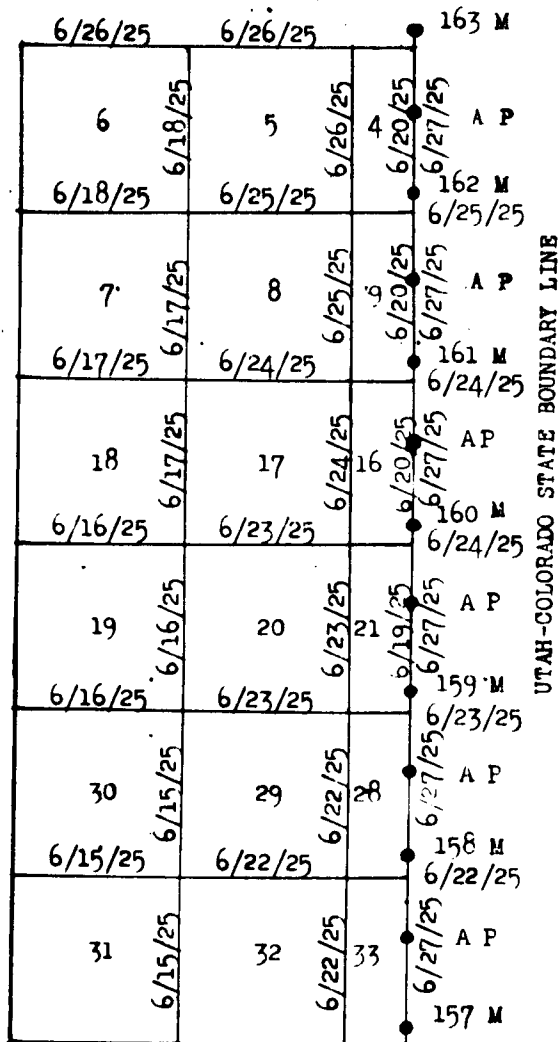
6-4817

Retirement Utah-Colorado Bdy. pages 5-9

DATE DIAGRAM

OF

T. 17 S., R. 26 E.



Survey commenced June 14, 1925, and executed by J. C. Clark, U. S. Surveyor, with a Young and Sons transit No. 8520. The description of the instrument and dates of approval in the Assignment and Supplemental Assignment Instructions by the Assistant Supervisor of Surveys for District No. 6, are given at the beginning of the finished field notes of T. 17 S., R. 25 E., Group No. 133; and the final test of the transit, which was taken on the meridian heretofore described in the same

Tests of Instrument.

Township 17 South, Range 26 East.

finished field notes as established by observations on Polaris, May 26, 1925, in sec. 9, T. 17 S., R. 25 E., is given on pages 4 and 5 of the finished field notes of T. 17 S., R. 25 E., and serves as the initial test for the survey of T. 17 S., R. 26 E.

Final Test of Instrument.

At camp, in sec. 9, T. 17 S., R. 25 E., in approximate latitude $39^{\circ}21'$ N., approximate longitude $109^{\circ}10'$ W., I test the solar apparatus as follows by comparing its indications hourly with the true meridian obtained from observations on Polaris May 26, 1925, heretofore described:

June 28, 1925, at 8h 0m a. m., apparent time, I set off $39^{\circ}21'$ N., on the lat. arc; $23^{\circ}18'$ N., on the decl. arc; and note that the meridian determined with the solar agrees within one half minute of the meridian established from observations on Polaris.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $23^{\circ}17'30''$ N., which practically agrees with the calculated decl. of the sun.

At 4h 0m p. m., apparent time, with the lat. arc unchanged, I set off $23^{\circ}17'$ N., on the decl. arc; and determine a meridian with the solar which I find to nearly coincide with the true meridian.

All of the solar observations during the usual hours of solar work come within one half minute of the true meridian; therefore, I conclude that the transit has kept in adjustment during the progress of the survey of this township.

A meridian was also established by an hour angle observation on Polaris June 18, 1925, at the 159th. mile cor. on the Utah-Colorado Boundary Line. The instrument was tested repeatedly on the Polaris meridians, latitude and declination tests were taken whenever practic-

Tests of Instrument.

Township 17 South, Range 26 East.

Chains.

able; and all measurements were taken with a five chain Lallie steel tape, which was compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

Retracement of the Utah-Colorado State Boundary Line.

From angle point, which is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set and marked on brass cap as follows:

A	P
U	C
T	O
A	L
H	Q
1878	
1921	

The original 161st. mile cor., which was established in the year 1878, is a sandstone, 14x10x3 ins. above ground, and is firmly set alongside of the iron post, and marked COL 161 M on E. face and UT 32 W L on W. face, and witnessed by pits, 36x36x12 ins., on the N. and S. 3 ft. dist.

N.0°05'W., on retracement along the Utah-Colorado State Boundary Line, on the 162nd. mile of the 1878 survey.

33.41 Fall 11 lks. E. of the 160th. mile cor. of the resurvey, which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set and marked on brass cap as follows:

UTAH	COLO
160	
MP	
1915	

and witnessed by pits, 36x36x12 ins., N. and S. of post, 6 ft. dist.

Therefore, the bearing of the State Boundary Line from the angle point at the 161st. mile cor. of the 1878 survey to the 160th. mile cor. of the resurvey is N.0°16'W., and the distance is 33.41 chs.

Retracement of the Utah-Colorado State Boundary Line.

Chains. From the 160th. mile cor. of the resurvey,
 80.46 North, on retracement line with continuous measurement.
 Fall 40 lks. W. of angle point, which is an iron post,
 3 ins. in diam., extending 16 ins. above ground, firmly
 set and marked on brass cap as follows:

	A	P
U	|	C
T	|	O
A	|	L
H	|	O
		1878
		1921

The original 162nd. mile cor., of the 1878 survey, is a
 sandstone, 14x10x8 ins. above ground, and is firmly
 set alongside of the iron post, and marked COL 162 M
 on E. face and UT 32 W L on W. face, and witnessed on
 the N. by a rock, 24x22x10 ins., standing in a small
 mound of stone.

Therefore, the bearing of the State Boundary Line from
 the 160th. mile cor. of the resurvey to the angle
 point, or 162nd. mile cor. of the 1878 survey is
 N.0°29'E., and the distance is 47.05 chs.

From the angle point, which is identical with the 162nd.
 mile cor. of the 1878 survey,

N.0°04'E., on retracement along the Utah-Colorado State
 Boundary Line, on the 163rd. mile of the 1878 survey.

33.74 Fall 32 lks. E. of the 161st. mile cor. of the resurvey,
 which is an iron post, 3 ins. in diam., extending 16
 ins. above ground, firmly set and marked on brass cap
 as follows:

	161
	M
U	| C
T	| O
A	| L
H	| O
	1921

and witnessed on the W. by a mound of stone, 4 ft.
 base, 3 ft. high.

The original monument for the 161st. mile cor., which
 was established in the year 1885, is a sandstone,
 12x5x2 ins. above ground, and is firmly set alongside

Retracement of the Utah-Colorado State Boundary Line.

Chain.

of the iron post, and marked C 1885 on E. face and U 161 M on W. face.

Therefore, the bearing of the State Boundary Line from the angle point at the 162nd. mile cor. of the 1878 survey to the 161st. mile cor. of the resurvey is N.0°29'W., and the distance is 33.74 chs.

N.0°04'E., on retracement on same line with continuous measurement.

80.18 Fall 16 lks. E. of the angle point, which is an iron post. 3 ins. in diam., extending 16 ins. above ground, firmly set in a small mound of stone, and marked on brass cap as follows:

A	P
U	C
T	O
A	L
H	O
1878	
1921	

The original 163rd. mile cor., of the 1878 survey, is a volcanic stone, 3 $\frac{1}{2}$ x2x1 ft. above ground, and is firmly set alongside of the iron post, and marked COL 163 on E. face and UT 32 W L on W. face. There is no evidence of accessories.

Therefore, the bearing of the State Boundary Line from the 161st. mile cor. of the resurvey to the angle point, or 163rd. mile cor. of the 1878 survey is N.0°17'E., and the distance is 46.44 chs.

From the angle point, which is identical with the 163rd. mile cor. of the 1878 survey,

North, on retracement along the Utah-Colorado State Boundary Line, on the 164th. mile of the 1878 survey.

34.18 Fall 7 lks. E. of the 162nd. mile cor. of the resurvey, which is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set, and marked on brass cap as follows:

162	
M	
U	C
T	O
A	L
H	O
1921	

Retracement of the Utah-Colorado State Boundary Line.

Chains.

and witnessed on the N. by a mound of stone, 4 ft. base, 3 ft. high.

The original monument for the 162nd. mile cor. of the 1885 survey, is a sandstone 20x14x4 ins. above ground, and is firmly set alongside of the iron post, and marked C 1885 on E., U on W. and 162 M on S. faces. Therefore, the bearing of the State Boundary Line from the angle point at the 163rd. mile cor. of the 1878 survey to the 162nd. mile cor. of the resurvey is N.0°07'W., and the length of the line is 34.18 chs. North, on retracement on same line with continuous measurement.

80.13 Fall 1.33 chs. W. of angle point, which is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set in a small mound of stone, and marked on brass cap as follows:

A	P
U	C
T	O
A	L
H	O
1921	

The original 164th. mile cor. of the 1878 survey, which is a conglomerate rock of limestone and sandstone, 16x10x4 ins. above ground, is firmly set alongside of the iron post, and marked COL 164 UT 32 W L on S. face. There is no evidence of accessories.

Therefore, the bearing of the State Boundary Line from the 162nd. mile cor. of the resurvey to the angle point at the 164th. mile cor. of the 1878 survey is N.1°45'E., and the length of the line is 45.97 chs.

From the angle point, which is identical with the 164th. mile cor. of the 1878 survey, N.0°24'W., on retracement on the 165th. mile of the 1878 survey, along the Utah-Colorado State Boundary Line.

30.93 Fall 16 lks. E. of the closing cor. of Tps. 16 and 17 S., R. 26 E., which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by one bearing tree in sec. 4, and

Retracement of the Utah-Colorado State Boundary Line.

Chains.

34.57

by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of con
Fall 18 lks. E. of the 163rd. mile cor. of the resurvey,
which is an iron post, 3 ins. in diam., extending 12
ins. above ground, firmly set, and marked on brass
cap as follows:

163
M
U | C
T | O.
A | L
H | O
1921

and witnessed on the N. by a mound of stone, 4 ft.
base, 2 ft. high.

Therefore, the bearing of the State Boundary Line from
the angle point, which is identical with the 164th.
mile cor. of the 1878 survey, to the 163rd. mile cor.
of the resurvey is N.0°42'W., and the length of the
line is 34.57 chs.

Subdivision of T. 17 S., R. 26 E.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy.
of T. 17 S., R. 26 E., which is an iron post, 3 ins.
in diam., extending 12 ins. above ground, firmly set,
correctly marked, and witnessed on the W. by a mound
of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N.0°01'E., bet. secs. 31 and 32.

Over rolling land, through scattering undergrowth; desc.
NE. slope 20 ft.

2.70 Dry wash, 50 lks. wide, 5 ft. deep, in the bottom of
hollow, drains SE.; asc. SW. slope 60 ft.

8.20 S. edge of bench, bears NW. and SE.; enter dense under-
growth, bears NW. and SE.; over gently rolling top.

28.20 N. edge of bench, bears NW. and SE.; begin descent of 15
ft. to $\frac{1}{4}$ sec. cor., over small draws and low spurs,
putting SE., on general NE. slope.

28.40 Leave dense undergrowth, bears NW. and SE., and enter
scattering.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Subdivision of T. 17 S., R. 26 E.

Chains.

S 31

S 32

1925

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

62.00 Dry wash, 10 lks. wide, 3 ft. deep, in the bottom of
hollow, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc.
gradual SW. slope 45 ft.

73.10 S. edge of bench, bears NW. and SE.; enter dense under-
growth, bears NW. and SE.; over gently rolling top to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 29, 30, 31 and 32,
with brass cap marked:

T17S	R26E
S30	S29
S31	S32

1925

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, rolling, draining SE.; sandstone formation.

Soil, red sandy loam, about 2 to 3 ft. deep, lying on a
gravelly, light, chalky subsoil, on benches and slopes;
red sandy loam several ft. deep, in bottoms of hollows.
Undergrowth, sagebrush. No timber.

Excellent growth of grass on greater portion of mile.

Test, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

40.00 Intersect the W. bdy. of the Tp., 4 lks. N. of the cor.
of secs. 25, 30, 31 and 36, heretofore described in the
finished field notes of T. 17 S., R. 25 E., this group.
Thence, N. 82° 58' E., on a true line bet. secs. 30 and 31.
Desc. gradually 30 ft., over gently rolling land,
through dense undergrowth.

38.00 Dry wash, 50 lks. wide, 4 ft. deep, in the bottom of
hollow, drains SE.; asc. gradual SW. slope 10 ft. to

40.01 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 30

S 31

1925

Subdivision of T. 17 S., R. 26 E.

Chains.	from which, A cedar, 10 ins. diam., bears S.39°W., 282 lks. dist., marked $\frac{1}{4}$ S 31 B T. As there are no other trees available, I dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
43.00	Top of ascent, 10 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradual NE. slope 25 ft.
64.00	Dry wash, 40 lks. wide, 5 ft. deep, in the bottom of hollow, drains SE.; asc. general W. slope 25 ft., over small draws and low spurs, putting S.
76.70	W. edge of bench, bears N. and S.; over rolling top to
80.02	The cor. of secs. 29, 30, 31 and 32. Land, rolling and gently rolling, draining SE. into Bitter Creek wash; sandstone formation. Soil, red sandy loam, about 2 to 3 ft. deep, lying on a light, chalky subsoil, on benches and slopes; red sandy loam, several ft. deep, in the bottoms of hollows. Timber, one cedar bearing tree at the $\frac{1}{4}$ sec. cor. Undergrowth, sagebrush. Good grazing on portions of mile.
<hr/>	
	N.0°01'E., bet. secs. 29 and 30. Over rolling top of bench, through dense sagebrush.
3.60	Road bears N.70°W. to Claude Taylor's ranch and S.70°E. to the Pike's Peak-Ocean to Ocean Highway.
14.80	Leave dense growth of sagebrush, bears NW. and SE., and enter scattering sagebrush and greasewood.
15.00	N. edge of bench, bears NW. and SE.; desc. gradually 20 ft. to $\frac{1}{4}$ sec. cor., over small draws and low spurs, putting E. and SE., on general E. slope.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;">$\frac{1}{4}$ S 30 | S 29 1925</div> and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Continue over rolling land, along general E. slope.
47.60	S. bank of Bitter Creek wash, 7 ft. high, bears NW. and SE.; wash dry, 15 ft. below $\frac{1}{4}$ sec. cor., drains SE.,

Subdivision of T. 17 S., R. 26 E.

Chains. in bottom of hollow.

49.50 N. bank of Bitter Creek wash, 7 ft. high, bears NW. and SE.; asc. gradually 20 ft. along E. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap marked:

T17S	R26E
S19	S20
S30	S29
1925	

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, gently rolling bench, S. 15.00 chs.; rolling general E. slope of small draws and low spurs, putting E. and SE., N. 65.00 chs.; sandstone formation; general drainage SE.

Soil, red sandy loam, about 1 to 2 ft. deep, lying on a gravelly, light sand or on a white chalky subsoil, on bench; red sandy loam, varying in depth from about 1 to several ft., on general E. slope.

Undergrowth, sagebrush and greasewood.

Fair to good growth of grass. No timber.

S. 89°58'W., on a random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

40.05 Intersect the W. bdy. of the Tp., 9 lks. N. of the cor. of secs. 19, 24, 25 and 30, heretofore described in the finished field notes of T. 17 S., R. 25 E., in this group.

Thence, N. 89°54'E., on a true line bet. secs. 19 and 30.

Over gently rolling top of bench, through dense sagebrush

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.

in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 19
$\frac{1}{4}$
S 30
1925

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

45.15 The SW. cor. of Alvin Preston's house, bears N. 0°07'E.

Subdivision of T. 17 S., R. 26 E.

Chains.	23.46 chs. dist.; from the E. side of house, a small spring of alkali water, bears E. about 2.00 chs. dist.
46.10	E. edge of bench, bears N. and S.; begin gradual descent of 50 ft., over E. slope.
52.60.	Dim road bears NW. to Alvin Preston's homestead and SE. to the Pike's Peak-Ocean to Ocean Highway.
57.80.	Bitter Creek wash, dry, 80 lks. wide, 7 ft. deep, in bottom of hollow, drains SE.; asc. general W. slope 25 ft.
77.80.	Spur, projects S. about 30.00 chs. dist.; leave dense growth of sagebrush, bears N. and S., and enter scattering sagebrush and greasewood; desc. E. slope 15 ft. to
80.06	The cor. of secs. 19, 20, 29 and 30.
	Land, gently rolling top of bench, W. 46.10 chs.; rolling, E. 33.96 chs.; drainage SE.
	Soil, red sand or red sandy loam, about 12 to 30 ins. deep, lying on a gravelly, light sand or on a gravelly, white, chalky subsoil; red sandy loam, several ft. deep, in the bottom of Bitter Creek hollow.
	Undergrowth, sagebrush and greasewood; dense tall greasewood along Bitter Creek wash.
	Fair to good growth of grass. No timber.
<hr/>	
	N. 0° 01' E., bet. secs. 19 and 20.
	Over gently rolling land, along gradual E. slope, through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked:
	<div style="text-align: center;">S 19 | S 20 1925</div>
	and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
76.00	Begin gradual ascent of 15 ft., over SW. slope to
80.00	On top of spur, sloping SE. about 1.50 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked:

Subdivision of T. 17 S., R. 26 E.

Chains.

T17S	R26E
S18	S17
S19	S20
1925	

from which,

A cedar, 24 ins. diam., bears N.78°15'E., 628

lks. dist., marked T 17 S R 26 E S 17 B T.

A cedar, 10 ins. diam., bears S.64°15'E., 521

lks. dist., marked T 17 S R 26 E S 20 B T.

A cedar limb, 6 ins. diam., bears S.86°W., 69

lks. dist., marked T 17 S R 26 E S 19 B T.

As there are no trees available in sec. 18, I raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, gently rolling E. slope, draining generally S.

Soil, red sandy loam, about 1 to several ft. deep.

Undergrowth, sagebrush and greasewood. Fair grazing.

No timber, except bearing trees at sec. cor.

S.89°54'W., on a random line bet. secs. 18 and 19.

40.00 Set temp. ¼ sec. cor.

80.02 Intersect the W. bdy. of the Tp., 14 lks. N. of the cor. of secs. 13, 18, 19 and 24, heretofore described in the finished field notes of T. 17 S., R. 25 E., in this group.

Thence, N.89°48'E., on a true line bet. secs. 18 and 19.

Over nearly level bottom of swale, through scattering undergrowth.

2.60 Dry wash, 25 lks. wide, 8 ft. deep, drains S.20°E.

6.50 Leave bottom of swale, begin ascent of 35 ft., over W. slope, through scattering timber.

14.60 Spur, projects S. about 12.00 chs. dist.; desc. 45 ft.

19.90 Leave scattering timber.

30.10 Draw, drains SE.; asc. SW. slope 25 ft. to

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked:

S 18
¼
S 19
1925

and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Subdivision of T. 17 S., R. 26 E.

Chains.

- .71.10 Enter scattering timber.
- 71.50 Spur, 30 ft. above $\frac{1}{2}$ sec. cor., projects S.; desc. 25 ft.
- 77.00 Leave timber.
- 77.60 Draw, drains SE.; asc. 20 ft. to
- 80.08 The cor. of secs. 17, 18, 19 and 20.
- Land, nearly level and rolling, draining S. and SE.;
outcroppings of shale and sandstone formation.
- Soil, red sand and red sandy loam, lying on a gravelly,
light sand, white, chalky subsoil, or on bedrock;
sandy loam, several ft. deep, in the bottom of swale.
- Undergrowth, sagebrush, shadscale and greasewood.
- Timber, cedar. Fair growth of grass.

N.0°01'E., bet. secs. 17 and 18.

Desc. gradual NE. slope, through medium dense under-
growth.

- 12.80 Bar X (X) wash, dry, 100 lks. wide, 4 ft. deep, in the
bottom of hollow, 25 ft. below sec. cor., drains SE.;
asc. 10 ft..
- 13.90 Spur, slopes W. about 1.00 chs. dist.; desc. 15 ft.
- 15.80 Bar X (X) wash, dry, 100 lks. wide, 4 ft. deep, in the
bottom of hollow, drains SW.; over gently rolling and
level land to witness cor. of secs. 7, 8, 17 and 18.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 18 | S 17

1925

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft.
dist.

- 58.40 Dry wash, 50 lks. wide, 3 ft. deep, drains E.
- 63.60 Wild Cow wash, dry, 60 lks. wide, 7 ft. deep, drains SE.
- 79.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for witness cor. of secs. 7, 8, 17 and
18, with brass cap marked:

W C
T17S | R26E
S7 | S8
S18 | S17
1925

Subdivision of T. 17 S., R. 26 E.

Chains.

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 True point for sec. cor. falls in bottom of dry wash, 30 lks. wide, 6 ft. deep, draining SE.; cor. not set..
Land, level, gently rolling and rolling, draining generally to the S.

Soil, red sand and red sandy loam, varying in depth from about 1 to several ft., lying on a gravelly, light sand, white, chalky subsoil or on bedrock.

Undergrowth, sagebrush, shadscale, greasewood and rabbit brush.

Fair grazing land. No timber.

From the true point for cor. of secs. 7, 8, 17 and 18, S. 89°48'W., on a random line bet. secs. 7 and 18.

40.00 Set temp. 1 sec. cor.

60.06 Intersect the W. bdy. of the Tp., 7 lks. N. of the cor. of secs. 7, 12, 13 and 18, heretofore described in the finished field notes of T. 17 S., R. 25 E., in this group.

Thence, N. 89°45'E., on a true line bet. secs. 7 and 18. Over rolling land, through scattering timber and medium dense undergrowth; asc. gradual NW. slope 30 ft.

6.50 W. edge of bench, bears NE. and SW.; enter dense undergrowth, bears NE. and SW.; over gently rolling top.

40.03 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for 1 sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 7 \\ \frac{1}{4} \\ S\ 18 \\ 1925 \end{array}$$

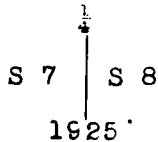
from which,

A cedar, 10 ins. diam., bears N. 18°15'E., 108 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A cedar, 6 ins. diam., bears S. 41°15'W., 317 lks. dist., marked $\frac{1}{4}$ S 18 B T.

53.20 E. edge of bench, bears NW. and SE.; undergrowth becomes more scattering, bearing NW. and SE.; desc. NE. slope 30 ft.

Subdivision of T. 17 S., R. 26 E.

Chains.	
61.20	Wild Cow wash, dry, 60 lks. wide, 8 ft. deep, in the bottom of hollow, drains SE.; asc. general W. slope 35 ft.
69.60	Leave timber.
70.10	Spur, projects S. approximately 7.00 chs. dist.; desc. E. slope 35 ft. to
80.06	The true point for cor. of secs. 7, 8, 17 and 18. Land, rolling and gently rolling, draining S. and SE. Soil, red sand and red sandy loam, varying in depth from about 1 to several ft., lying on a gravelly, light sand, white, chalky subsoil, or on bedrock. Timber, cedar. Undergrowth, sagebrush, shadscale, greasewood and rabbit brush. Fair grazing land.
	N.0°01'E., bet. secs. 7 and 8, from the true point for cor. of secs. 7, 8, 17 and 18. Over gently rolling land, through medium dense undergrowth.
4.00	Dry wash, 40 lks. wide, 6 ft. deep, drains SE.
21.00	Bar X (X) wash, 110 lks. wide, 5 ft. deep, drains SE.
22.20	Spur, 15 ft. above Bar X (X) wash, slopes W. about 1.00 chs. dist.; desc. 15 ft. to
23.00	Bar X (X) wash, 90 lks. wide, 6 ft. deep, drains SW.; continue over gently rolling land to sec. cor.
34.60	Bar X (X) wash, 100 lks. wide, 5 ft. deep, drains S.10°E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;">  </div> and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
48.30	Bar X (X) wash, 120 lks. wide, 6 ft. deep, drains SW.
51.00	Bar X (X) wash, 120 lks. wide, 7 ft. deep, drains SE.

Subdivision of T. 17 S., R. 26 E.

Chains.

54.50 Same wash, 110 lks. wide, 6 ft. deep, drains SW.; wash dry on entire mile.

77.30 Road bears NW. to the Wild Cow ranch and E. to Prairie Canyon, thence S. to the Pike's Peak-Ocean to Ocean Highway.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked:

T17S	R26E
S6	S5
S7	S8
1925	

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling, draining S.

Soil, red sandy loam or sandy clay loam, several ft. deep.

Undergrowth, sagebrush, shadscale, greasewood and rabbit brush.

fair growth of grass.

No timber.

S.89°45'W., on a random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect the W. bdy. of the Tp., 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, heretofore described in the finished field notes of T. 17 S., R. 25 E., in this group.

Thence,

N.89°48'E., on a true line bet. secs. 6 and 7.

Over gently rolling land, through medium dense undergrowth.

16.50 Dry wash, 25 lks. wide, 3 ft. deep, drains SE.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 6
$\frac{1}{4}$
S 7
1925

and dig pits, 16x16x12 ins., E. and W. of post, 3 ft.

Subdivision of T. 17 S., R. 26 E.

Chains	
	dist.
40.60	Dim road, bears N. and S.
68.90	Dry wash, 20 lks. wide, 2 ft. deep, drains S.
73.60	Road, bears NW. to the Wild Cow ranch and SE. to Prairie Canyon, thence S. to the Pike's Peak-Ocean to Ocean Highway.
80.10	The cor. of secs. 5, 6, 7 and 8. Land, gently rolling, draining S. and SE. Soil, red sandy loam or a sandy clay loam, varying in depth from about 1 to 5 ft., lying on a gravelly, light sand, white chalky subsoil or on bedrock. Undergrowth, sagebrush, shadscale and greasewood. Good grazing land. No timber.
	N.0°01'E., on a true line bet. secs. 5 and 6. Over nearly level or gently rolling land, through medium dense undergrowth.
10.50	Dry wash, 10 lks. wide, 3 ft. deep, drains SE.
25.60	Dry wash, 20 lks. wide, 4 ft. deep, drains SE.
37.91	On the S. bank of a dry wash, 5 ft. high, bearing NE. and SW., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness 1/4 sec. cor., with brass cap marked: <div style="text-align: center;">W C | S 6 | S 5 1925</div> and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
40.00	True point for 1/4 sec. cor., falls in the bottom of the wash, making it impracticable to set the post at the exact cor. point; wash, 100 lks. wide, drains from NW. to SW.
43.20	N. bank of the wash, 4 ft. high, bears NW. and SE.
57.20	Dry wash, 30 lks. wide, 5 ft. deep, drains SW.
81.42	On S. bank of dry wash, 6 ft. high, bearing NE. and SW., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.

Chains,

in the ground, for witness closing cor. of secs. 5 and 6, T. 17 S., R. 26 E., with brass cap marked:

T16R26E	
SS2	
W C	
S6	S6
T17S	R26E
CC	
1925	

and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

82.55 Intersect the S. bdy. of sec. 32, T. 16 S., R. 26 E., east 33.54 chs. dist. from the original cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S., R. 26 E., which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set in a mound of stone, 3 ft. base, 10 ins. high, correctly marked and witnessed by four bearing trees, one in each sec. as described in the finished field notes of T. 16 S., R. 26 E., Group No. 87. The point of intersection or the true point for the closing cor. of secs. 5 and 6, falls in the bottom of the wash, which is 40 lks. wide, 6 ft. deep, draining from N.20°W. to SE.; impracticable to set the post at the exact cor. point.

The original cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S., R. 26 E., now refers to secs. 31 and 32, T. 16 S., R. 26 E.; therefore, I efface the markings pertaining to secs. 5 and 6, T. 17 S., R. 26 E. on the post and trees.

Land, level, rolling and gently rolling, draining generally SE. into Bar X (X) wash.

Soil, sandy loam or sandy clay loam, several ft. deep.

Undergrowth, sagebrush, greasewood and shadscale.

Fair growth of grass. No timber.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, 3 ins. in diam., extending 12 ins. above ground, firmly set, correctly marked, and witnessed by four pits, one in each sec.,

Chains.

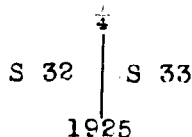
and by a mound of earth, 4 ft. base, 1 ft. high, W. of cor.,

N.0°01'E., bet. secs. 32 and 33.

Over rolling land, through scattering sagebrush and white sage; asc. gradual SE. slope 25 ft.

25.00 S. edge of bench, bears NE. and SW.; leave white sage and enter dense undergrowth of sagebrush and black brush, bears NE. and SW.; over gently rolling top.

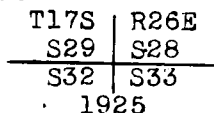
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

51.10 Road bears N.70°W. to Claude Taylor's ranch and S.70°E. to the Pike's Peak-Ocean to Ocean Highway.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, gently rolling SE. slope, S. 25.00 chs.; gently rolling top of bench, N. 55.00 chs.; general drainage S. into Bitter Creek wash.

Soil, red sandy loam, several ft. deep, S. 25.00 chs.; red sand and red sandy loam, about 1 to several ft. deep, lying on a gravelly, light sand, or on a gravelly, white, chalky subsoil, on bench.

Undergrowth, sagebrush, black brush and white sage.

Fair growth of grass on S. 25.00 chs.; excellent grazing on top of bench. No timber.

Subdivision of T. 17 S., R. 26 E.

Chains.

West, on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 22 lks. N. of the cor. of secs. 29, 30, 31 and 32.

Thence,

N. $69^{\circ}51'E.$, on a true line bet. secs. 29 and 32.

Over gently rolling top of bench, through dense undergrowth of sagebrush and black brush.

9.50 Road bears N. $60^{\circ}W.$ to Claude Taylor's ranch and S. $60^{\circ}E.$ to the Pike's Peak-Ocean to Ocean Highway.

21.40 E. edge of bench, bears NW. and SE.; begin gradual descent of 20 ft., over NE. slope.

26.90 Leave dense undergrowth of sagebrush and black brush, bears NW. and SE., and enter scattering sagebrush and greasewood, at the base of descent, bearing NW. and SE.; over gently rolling bottom land.

17.20 E. bank of Bitter Creek wash, 12 ft. high, bears NW. and SE.; wash, dry, drains generally to the S.

29.90 E. bank of Bitter Creek wash, 8 ft. high, bears NW. and SE.; enter scattering white sage.

34.90 Leave greasewood.

39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S. 29
$\frac{1}{4}$
S 32
1925

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

49.00 Leave bottom land, bears N. and S.; leave white sage; begin ascent of 60 ft., over general W. slope.

53.90 W. edge of bench, bears N. and S.; enter dense undergrowth of sagebrush and black brush, bears N. and S.; over gently rolling top to

79.94 The cor. of secs. 28, 29, 32 and 33.

Land, gently rolling tops of benches and bottom land, draining generally to the S.

Soil, red sand and red sandy loam, about 1 to 3 ft. deep,

Claims

lying on a gravelly, light sand, or on a gravelly, white, chalky subsoil, on benches; red sandy loam, several ft. deep, on the bottom land.

Timber, a few cedar scattered along W. edge of bench, noted at 53.90 chs.

Undergrowth, sagebrush, black brush, greasewood, and white sage.

Fair grazing on bottom land; excellent growth of grass on the tops of benches.

East, on a true line bet. secs. 28 and 33.

Over nearly level top of bench, through a dense growth of sagebrush and black brush.

- 3.79 Intersect the Utah-Colorado State Boundary Line, as defined by the 159th. mile cor. of the 1878 survey and the 158th. mile cor. of the resurvey, according to record course, south 2.14 chs. dist. from the 158th. mile cor.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 28 and 33, with brass cap marked:

U	T17S	|	COLO
T	C S28		
A	C S33		
H	R26E		
	1925		

and dig pits, 18x18x12 ins., N., S., and W. of post, 3 ft. dist.

The 159th. mile cor. of the 1878 survey is a sandstone, 16x7x5 ins. above ground, firmly set, and marked COL 159 M on E. face and UT on W. face; no evidence of accessories. The 158th. mile cor. of the resurvey is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set and marked on brass cap as follows:

UTAH	|	COLO
		158
		MP
		1915

and witnessed by two pits; 36x36x12 ins., N. and S. of post, 6 ft. dist.

Subdivision of T. 17 S., R. 26 E.

Chains.

Land, nearly level top of bench, draining S.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, light sand, or on a gravelly, white, chalky subsoil.

Undergrowth, sagebrush and black brush.

Good grazing land. No timber.

From the cor. of secs. 28, 29, 32 and 33,

N.0°01'E., bet. secs. 28 and 29.

Over gently rolling top of bench, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

↓
S 29 | S 28
1925

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked:

T17S | R26E
S20 | S21
S29 | S28
1925

and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of post, 3 ft. dist.

Land, gently rolling top of bench, draining S.

Soil, red sand and red sandy loam, about 1 to several ft. deep, lying on a gravelly, light sand, or on a gravelly, white, chalky subsoil.

Undergrowth, sagebrush and black brush.

Excellent growth of grass.

No timber.

S.89°51'W., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T. 17 S., R. 26 E.

- Chains.
79.94 Intersect N. and S. line, at the cor. of secs. 19, 20, 29 and 30.
- Thence,
N.89°51'E., on a true line bet. secs. 20 and 29.
Desc. gradual E. slope 15 ft., through scattering undergrowth.
- 7.00 Bar X (X) wash, dry, 60 lks. wide, 5 ft. deep, in the bottom of hollow, drains S.20°W.; asc. 55 ft.
- 9.70 Spur, projects S.20°W. approximately 30.00 chs. dist.; desc. 20 ft.
- 19.90 Dry wash, 20 lks. wide, 2 ft. deep, in the bottom of hollow, drains S.20°W.; asc. 45 ft.
- 30.90 Spur, projects S.20°W. about 20.00 chs. dist.; enter dense undergrowth, bears N.20°E. and S.20°W.; desc. 15 ft.
- 32.90 Draw, drains SE.; asc. 10 ft.
- 37.90 Spur, projects S. approximately 4.00 chs. dist.; desc. 10 ft. to
- 39.97 In the head of draw, draining SW., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- | |
|---------------|
| S 20 |
| $\frac{1}{4}$ |
| S 29 |
| 1925 |
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 42.40 W. edge of bench, 10 ft. above $\frac{1}{4}$ sec. cor., bears N. and S.; asc. gradual W. slope 10 ft.
- 47.90 Top of ascent, bears N. and S.; desc. 15 ft.
- 59.90 Swale, drains S.; asc. gradual W. slope 15 ft. to
- 79.94 The cor. of secs. 20, 21, 28 and 29.
- Land, rolling, W. 42.40 chs.; gently rolling top of bench, E. 37.54 chs.; general drainage S. and SW, into Bitter Creek wash.
- Soil, red sandy loam, about 6 ins. to 3 ft. deep, lying on a gravelly, light sand, on rolling land; sandy loam,

Subdivision of T. 17 S., R. 26 E.

Chains

several ft. deep, in the bottoms of hollows; red sandy loam, about 1 to 1½ ft. deep, lying on a gravelly, dry, light clay subsoil, on top of bench. Undergrowth, sagebrush and black brush; medium dense greasewood along Bitter Creek wash. Fair to good grazing land. No timber.

East, on a true line bet. secs. 21 and 28.

Over nearly level top of bench, through a dense growth of sagebrush and scattering black brush.

- 3.75 Intersect the Utah-Colorado State Boundary Line, as defined by the 160th. mile cor. of the 1878 survey and the 159th. mile cor. of the resurvey, according to record course, S.0°03'E. 2.99 chs. dist. from the 159th. mile cor.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 21 and 28, with brass cap marked:

U		T17S	
T	C	S21	
A	C	S28	COLO
H		R26E	
		1925	

and dig pits, 18x18x12 ins., N., S. and W. of post, 3 ft. dist.

The 160th. mile cor. of the 1878 survey is a sandstone, 6x4x2 ins. above ground, firmly set, and marked COL on E. face and UT on W. face; no evidence of accessories. The 159th. mile cor. of the resurvey is an iron post, 3 ins. in diam., extending 6 ins. above ground, firmly set and marked on brass cap as follows:

UTAH	COLO
159	
MP	
1915	

and witnessed by two pits, 36x36x12 ins., N. and S. of post, 6 ft. dist.

Subdivision of T. 17 S., R. 26 E.

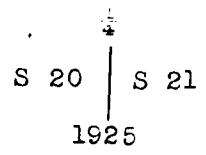
Chains.

Land, nearly level top of bench, draining S.
Soil, red sandy loam, about 1 to 1½ ft. deep, lying on
a gravelly, light sand, or on a gravelly, dry, light
clay subsoil.
Undergrowth, sagebrush and black brush.
Good grazing land. No timber.

From the cor. of secs. 20, 21, 28 and 29,
N.0°01'E., bet. secs. 20 and 21.

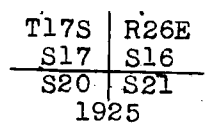
Over gently rolling top of bench, through dense sage-
brush and scattering black brush.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for ¼ sec. cor., with brass cap marked:



and raise a mound of stone, 3 ft. base, 1½ ft. high,
W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 16, 17, 20 and 21,
with brass cap marked:



and dig pits, 18x18x12 ins., NE., SE., SW. and NW. of
post, 3 ft. dist.

Land, gently rolling top of bench, draining S.
Soil, red sand and red sandy loam, about 1 to 3 ft. deep,
lying on a gravelly, light sand or on a gravelly, dry,
light clay subsoil.

Undergrowth, sagebrush and black brush.
Excellent growth of grass. No timber.

S.89°51'W., on a random line bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 5 lks. S. of the cor. of secs.
17, 18, 19 and 20.

Subdivision of T. 17 S., R. 26 E.

Chains.

Thence,

N.89°53'E., on a true line bet. secs. 17 and 20

Desc. gradual NE. slope 15 ft., through medium dense undergrowth.

- 6.10 Bar X (X) wash, dry, 60 lks. wide, 8 ft. deep, in the bottom of hollow, drains S.; asc. 25 ft.
- 12.50 Spur, projects S. about 12.00 chs. dist.; desc. 20 ft.
- 19.30 Dry wash, 40 lks. wide, 5 ft. deep; in the bottom of hollow, drains S.; asc. 60 ft.
- 33.00 Spur on W. edge of bench, projects S.; desc. gradually 15 ft., over gently rolling top.
- 39.50 Draw, drains S.25°W.; asc. gradual NW. slope 5 ft. to
- 39.98 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 17 \\ \frac{3}{4} \\ \hline S\ 20 \\ 1925 \end{array}$$
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 47.50 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects S.25°W. approximately 8.00 chs. dist.; desc. gradually 15 ft.
- 62.00 Swale, drains SW.; asc. gradually 15 ft.
- 71.80 Top of ascent, bears N. and S.; desc. gradual E. slope 10 ft. to
- 79.96 The cor. of secs. 16, 17, 20 and 21.
- Land, rolling, W. 33.00 chs.; gently rolling top of bench, E. 46.96 chs.; general drainage S. and SW.
- Soil, red sandy loam, about 6 ins. to 3 ft. deep, lying on a gravelly, light sand, on rolling land; sandy loam, several ft. deep, in the bottoms of hollows; red sandy loam, about 12 to 18 ins. deep, lying on a gravelly, dry, light clay subsoil, on bench.
- Timber, a few scattering cedar on rolling land.
- Undergrowth, sagebrush, black brush and greasewood; more dense on bench land.
- Fair to excellent growth of grass.

Subdivision of T. 17 S., R. 26 E.

Chains.

East, on a true line bet. secs. 16 and 21.

Over nearly level bench land, through dense sagebrush and scattering black brush.

3.74 Intersect the Utah-Colorado State Boundary Line, as defined by the 160th. mile cor., hereinbefore described, of the resurvey and the angle point, which is identical with the 161st. mile cor., hereinbefore described, of the 1878 survey, S.0°16'E. 3.83 chs. dist. from the 160th. mile cor.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 16 and 21, with brass cap marked:

U	T17S	|	COLO
T	C S16		
A	C S21		
H	R26E		
			1925

and dig pits, 18x16x12 ins., N., S. and W. of post, 3 ft. dist.

Land, nearly level top of bench, draining S.

Soil, red sandy loam, about 1 to 2 ft. deep, lying on a gravelly, dry, light clay or on a gravelly, white chalky subsoil.

Undergrowth, sagebrush and black brush.

Good grazing land.

No timber.

From the cor. of secs. 16, 17, 20 and 21,
N.0°01'E., bet. secs. 16 and 17..

Over gently rolling bench land, through dense undergrowth; asc. gradually 15 ft. to the $\frac{1}{4}$ sec. cor.

36.00 Head of swale, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$	
S 17	| S 16
1925	

Subdivision of T. 17 S., R. 26 E.

- Chains. and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
- 42.00 Top of ascent or N. edge of bench, 10 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. gradual NE. slope 15 ft.
- 48.50 Swale, drains SE.; asc. 25 ft.
- 64.80 Spur, projects SE. about 15.00 chs. dist.; desc. 15 ft.
- 69.80 Head of draw, drains SE.; asc. SW. slope 30 ft. to
- 80.00 On top of spur, projecting southeasterly approximately 7.00 chs. dist., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked:

T17S	R26E
S8	S9
S17	S16
1925	

and raise a mound of stone, 5 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, gently rolling bench, draining SW. into Bitter Creek wash, S. 42.00 chs.; rolling, draining SE., N. 38.00 chs.

Soil, red sandy loam, varying in depth from about 1 to several ft., lying on a gravelly, dry, light clay or on a gravelly, white, chalky subsoil.

Undergrowth, sagebrush, dense on bench, scattering to a medium dense growth on rolling land.

Good grazing land. No timber.

S.89°53'W., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 2 lks. S. of the true point for cor. of secs. 7, 8, 17 and 18, or 98 lks. N. of the witness cor. for secs. 7, 8, 17 and 18.

Thence, from the true point,

N.89°54'E., on a true line bet. secs. 8 and 17.

Over nearly level bottom land, through a medium dense growth of greasewood and shadscale.

0.10 Dry wash, 30 lks. wide, 6 ft. deep, drains SE.

Subdivision of Twp. 17 S., R. 26 E.

Chains.

- 3.89 Bar X (X) wash, 50 lks. wide, 6 ft. deep, drains S.
- 4.00 Leave medium dense growth of greasewood, bears N. and S.
- 4.10 Leave bottom land, bears N. and S.; begin ascent of 40 ft., over general W. slope.
- 4.40 Enter a medium dense growth of sagebrush, bears N. and S.
- 10.10 Spur, projects S. 25° W. approximately 15.00 chs. dist.; desc. 20 ft.
- 15.00 Draw, drains SW.; asc. 25 ft.
- 16.90 W. edge of bench, bears N. and S.; asc. gradual W. slope 10 ft.
- 17.10 Leave shadscale undergrowth, bears N. and S.
- 17.90 Low ridge, bears N. and S.; desc. gradually 15 ft.
- 18.00 Enter a dense growth of sagebrush, bears N. and S.
- 33.90 Swale, drains S.; asc. gradual W. slope 10 ft. to
- 39.97 On top of low spur, projecting S. approximately 15.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 8 \\ \frac{1}{4} \overline{) } \\ S\ 17 \\ 1925 \end{array}$$
- and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
- 49.90 Swale, 15 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. gradual general W. slope 25 ft.
- 78.90 Top of ascent, bears N. and S.; desc. gradual E. slope 5 ft. to
- 79.94 The cor. of secs. 8, 9, 16 and 17.
- Land, nearly level bottom land, rolling, and gently rolling bench, draining SW. into Bar X (X) wash.
- Soil, sandy loam, several ft. deep, on the bottom land; red sand and red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, light sand or on a gravelly, dry,

Subdivision of T. 17 S., R. 26 E.

Chains.

light clay subsoil, on rolling land and on top of bench.

Undergrowth, sagebrush, shadscale and greasewood.

Fair to good growth of grass.

No timber.

East, on a true line bet. secs. 9 and 16.

Over rolling land, through dense undergrowth; desc. gradual NE. slope 20 ft. to

- 3.79 Intersect the Utah-Colorado State Boundary Line, as defined by the 161st. mile cor., hereinbefore described, of the resurvey and the angle point, which is identical with the 162nd. mile cor., hereinbefore described, of the 1878 survey, S.0°29'E. 4.74 chs. dist. from the 161st. mile cor.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 9 and 16, with brass cap marked:

U	T17S	|	COLO
T	C S9		
A	C S16		
H	R26E		

1925

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling, draining generally to the SE.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, dry, light clay or on a gravelly, white, chalky subsoil.

Undergrowth, sagebrush.

Excellent growth of grass.

No timber.

From the cor. of secs. 8, 9, 16 and 17,

N.0°01'E., bet. secs. 8 and 9.

T. 17 S., E. 36 E. Subdivision of T. 17 S., R. 26 E.

Chains.	Description
0.00	Over rolling land, through dense sagebrush; desc. gradually 10 ft., along NE. slope.
03.00	Head of draw, drains SE.; asc. gradual SE. slope 10 ft.
31.50	S. edge of bench, bears NE. and SW.; desc. gradual NW. slope 20 ft.
34.50	Swale, drains SW.; asc. gradually 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 8 \quad | \quad S\ 9 \\ | \\ 1925 \end{array}$
	and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
53.60	N. edge of bench, 15 ft. above $\frac{1}{4}$ sec. cor., bears north-easterly and northwesterly; desc. general NW. slope 40 ft.
53.80	Leave dense undergrowth of sagebrush, bears NE. and NW., and enter a scattering growth of sagebrush, shadscale and greasewood.
58.00	Bottom of descent, bears NE. and SW.; over nearly level or gently rolling land.
63.10	Road bears W. to the Wild Cow ranch and E. to Prairie Canyon, thence S. to the Pike's Peak-Ocean to Ocean Highway.
73.50	Dry wash, 20 lks. wide, 7 ft. deep, in bottom of hollow, drains southeasterly; asc. gradual SW. slope 15 ft. to sec. cor.
79.50	Road bears N.15°W. to Horace Violett's ranch and S.15°E. to the road from the Wild Cow ranch to Prairie Canyon, noted at 63.10 chs.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked:

Subdivision of T. 17 S., R. 25 E.

Chains.

and raise a mound of stone, 5 ft. base, 3 ft. high, W. of cor.

Land, gently rolling and rolling, draining SE., S. 5.50 chs. and N. 26.40 chs.; gently rolling bench, draining SW., remainder of mile.

Soil, red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, dry, light clay or on a gravelly, white, chalky subsoil, on S. 53.60 chs.; sandy clay loam, varying in depth from about 6 ins. to several ft., lying on shale, on N. 26.40 chs.

Timber, few scattering cedar, N. $\frac{1}{2}$ mile.

Undergrowth, sagebrush, shadscale and greasewood.

Good grazing land, S. 53.60 chs.; fair growth of grass, on remainder of mile.

S. 89°54'W., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.98 Intersect N. and S. line, 9 lks. N. of the cor. of secs. 5, 6, 7 and 8.

Thence,

N. 89°50'E., on a true line bet. secs. 5 and 8.

Over level land, through a medium dense growth of sagebrush.

5.00 Bar X (\bar{X}) wash, 100 lks. wide, 8 ft. deep, drains S.

5.50 Leave level land, begin gradual ascent of 25 ft., over W. slope of bench,

25.50 Low ridge, bears N. and S.; desc. 15 ft.

26.00 Enter a dense growth of sagebrush, bears N. and S.

34.80 Hollow, drains southwesterly; asc. gradual W. slope 15 ft.

39.00 Low spur, projects S. approximately 15.00 chs. dist.; desc. gradually 5 ft. to

39.99 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Subdivision of T. 17 S., R. 26 E.

Chains.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S. 5

S. 8

1925

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

47.10 Hollow, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.25°W.; asc. gradual W. slope 20 ft.

70.00 Leave dense undergrowth of sagebrush, bears N. and S., and enter a scattering growth of shadscale, sagebrush and greasewood.

70.10 E. edge of bench, bears N. and S.; desc. E. slope 30 ft.

78.10 Dry wash, 20 lks. wide, 8 ft. deep, in the bottom of hollow, drains SE.; asc. gradual SW. slope 10 ft. to sec. cor.

79.80 Road bears N.15°W. to Horace Violet's ranch and S.15°E. to the road from the Wild Cow ranch to Prairie Canyon, noted at 63.10 chs. bet. secs. 8 and 9.

79.98 The cor. of secs. 4, 5, 8 and 9.

Land, level, rolling, and gently rolling bench; drainage SE. and SW. into Bar X (\bar{X}) wash, W. 70.10 chs.; E. 9.88 chs. drain SE.

Soil, sandy loam or sandy clay loam, several ft. deep, on level land; red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, dry, light clay or on a gravelly, white, chalky subsoil, on bench; sandy clay loam, varying in depth from about 6 ins. to several ft., lying on shale, on E. 9.88 chs.

Undergrowth, sagebrush, shadscale and greasewood.

Excellent growth of grass on bench; fair grazing land, remainder of mile.

No timber.

East, on a true line bet. secs. 4 and 9.

Asc. gradually 10 ft., over general SW. slope, through

Subdivision of T. 17 S., R. 26 E.

Chains.

scattering undergrowth.

3.81

Intersect the Utah-Colorado State Boundary Line, as defined by the 162nd. mile cor., hereinbefore described, of the resurvey and the angle point, which is identical with the 163rd. mile cor., hereinbefore described, of the 1878 survey, S.0°07'E. 5.44 chs. dist. from the 162nd. mile cor.; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 4 and 9, with brass cap marked:

U	T17S	| COLO
T	C S4	
A	C S9	
H	R26E	

1925

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling general SW. slope.

Soil, sandy clay loam, about 1 to 3 ft. deep, lying on a clay subsoil or on shale.

Undergrowth, sagebrush and shadscale.

Fair growth of grass.

No timber.

From the cor. of secs. 4, 5, 8 and 9,

N.0°01'E., on a true line bet. secs. 4 and 5.

Over rolling land, through a scattering growth of shadscale and sagebrush; asc. gradual general SW. slope 10 ft.

5.00 Top of ascent, bears NE. and SW.; desc. 10 ft.

5.10 Road bears NE. to Horace Violett's ranch and SW. to the road from the Wild Cow ranch to Prairie Canyon.

Subdivision of T. 17 S., R. 26 E.

Chains.

- 13.40 Dry wash, 10 lks. wide, 2 ft. deep, in the bottom of hollow, drains SW.; asc. SE. slope 20 ft.
- 15.70 Same road as noted at 5.10 chs., bears NW. and SE.
- 16.00 Leave shadscale and enter a dense growth of sagebrush, bears NE. and SW.
- 16.20 S. edge of bench, bears NE. and SW.; asc. gradually 15 ft. to $\frac{1}{4}$ sec. cor., over gently rolling top.
- 16.40 Enter scattering timber.
- 22.80 Leave timber.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 5 \quad | \quad S\ 4 \\ | \\ 1925 \end{array}$$
- from which,
- A cedar limb, 7 ins. diam., bears S.26°30'E., 413 lks. dist., marked $\frac{1}{4}$ S.4 B T.
- A cedar, 6 ins. diam., bears N.21°15'W., 599 lks. dist., marked $\frac{1}{4}$ S 5 B T.
- 70.00 Leave dense growth of sagebrush, bears NW. and SE., and enter scattering.
- 70.20 Enter a medium dense growth of timber, bears NW. and SE.
- 70.50 Leave bench, 20 ft. above $\frac{1}{4}$ sec. cor., bears NW. and SE.; begin ascent of 50 ft., over SW. slope.
- 76.10 Spur, slopes NW. about 1.50 chs. dist.; desc. 30 ft.
- 79.90 Bottom of descent, bears NW. and SE.; leave timber, bears NW. and SE.; over nearly level or gently rolling land, through a dense growth of sagebrush to
- 82.18 Intersect the S. bdy. of sec. 33, T. 16 S., R. 26 E., east 33.51 chs. dist. from the original cor. of secs. 4, 5, 32 and 33, Tps. 16 and 17 S., R. 26 E., which is an iron post, 2 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by

Subdivision of T. 17 S., R. 26 E.

Chains.

two bearing trees, one in each of secs. 4 and 33, and by a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor., as described in the finished field notes of T. 16 S., R. 26 E., Group No. 87. At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 4 and 5, T. 17 S., R. 26 E., with brass cap marked:

T16SR26E	
S 33	
S5	S4
T17S	R26E
CC	
1925	

from which,

A cedar limb, 9 ins. diam., bears S.8°30'E., 366 lks. dist., marked T 17 S R 26 E S 4 C C B T.

A cedar limb, 8 ins. diam., bears S.13°15'W., 215 lks. dist., marked T 17 S R 26 E S 5 C C B T.

The original cor. of secs. 4, 5, 32 and 33, Tps. 16 and 17 S., R. 26 E., now refers to secs. 32 and 33, T. 16 S., R. 26 E.; therefore, I efface the markings pertaining to secs. 4 and 5, T. 17 S., R. 26 E. on the post and tree, and change the position of the mound of stone from the W. to N. of the cor.

Land, rolling, and gently rolling bench; drainage SE., S. 16.20 chs.; remainder of mile drains generally to the SW.

Soil, sandy clay loam, about 6 ins. to several ft. deep, lying on a clay subsoil or on shale, on rolling land; red sandy loam, about 1 to 3 ft. deep, lying on a gravelly, dry, light clay or on a gravelly, white, chalky subsoil, on bench.

Timber, cedar and pinon pine, the former predominating. Undergrowth, sagebrush and shadscale.

Fair to good growth of grass on greater portion of mile.

Statement of Quarter Section Corners on Utah-Colorado State Boundary Line.

Chainage.

The 157th. mile cor. of the resurvey is an iron post, 3 ins. in diam., extending 8 ins. above ground, firmly set and marked on brass cap as follows:

	C
	O
UTAH	L
	O
157	
MP	
1915	

and witnessed by pits, 36x36x12 ins., N. and S. of post, 6 ft. dist.

From this cor., according to record course, the closing cor. of Tps. 17 and 18 S., R. 26 E., on the Utah-Colo- rado State Boundary Line, which is an iron post, 3 ins. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by pits, 30x24x12 ins., N., S. and W. of post, 8 ft. dist., bears S.0°08'E. 1.34 chs. dist.

From the said 157th. mile cor., N.0°08'W., on record course, along the Utah-Colorado State Boundary Line, as defined by the 157th. mile cor., and the 159th. mile cor., hereinbefore described, of the 1876 survey.

38.66 Point midway bet. the closing cor. of Tps. 17 and 18 S., R. 26 E., and the closing cor. of secs. 28 and 33, on the Utah-Colorado State Boundary Line.

Set an iron post, 3-ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 33, with brass cap marked:

	C
S 33 $\frac{1}{4}$	O
UTAH	L
	O
1925	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

53.52 The 159th. mile cor. of the 1878 survey.

From this cor., according to record course, the closing cor. of secs. 28 and 33, bears north 25.14 chs. dist.

From the 158th. mile cor., hereinbefore described, of the resurvey,

Establishment of Quarter Section Corners on Utah-Colorado State Boundary

Chains. North, according to record course, along the Utah-Colorado State Boundary Line, as defined by the said 158th. mile cor., and the 160th. mile cor., hereinbefore described, of the 1878 survey.

37.84 Point midway bet. the closing cors. of secs. 28 and 33, and 21 and 28, on the Utah-Colorado State Boundary Line. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 28, with brass cap marked:

U			
T	S	28 $\frac{1}{4}$	COLO
A			
H		1925	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

53.04 The 160th. mile cor. of the 1878 survey. From this cor., according to record course, the closing cor. of secs. 21 and 28, bears N.0°03'W. 24.78 chs. dist.

From the 159th. mile cor., hereinbefore described, of the resurvey,

N.0°03'W., according to record course, along the Utah-Colorado State Boundary Line, as defined by the said 159th. mile cor., and the 161st. mile cor., hereinbefore described, of the 1878 survey.

37.01 Point midway bet. the closing cors. of secs. 21 and 28, and 16 and 21, on the Utah-Colorado State Boundary Line. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 21, with brass cap marked:

		C
		O
S	21 $\frac{1}{4}$	L
UTAH		O
	1925	

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

47.43 The 161st. mile cor. of the 1878 survey.

From this cor., the closing cor. of secs. 16 and 21, bears N.0°16'W. 29.58 chs. dist.

Placement of Quarter Section Corners on Utah-Colorado State Boundary Line.

Chains. From the 160th. mile cor., hereinbefore described, of the resurvey,
N.0°29'E., along the Utah-Colorado State Boundary Line, as defined by the said 160th. mile cor., and the 162nd. mile cor., hereinbefore described, of the 1878 survey.

36.11 Point midway bet. the closing cors. of secs. 16 and 21, and 9 and 16, on the Utah-Colorado State Boundary Line. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 16, with brass cap marked:

S 16	|	C
	|	O
UTAH	|	L
	|	O
		1925

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

47.05 The 162nd. mile cor. of the 1878 survey.
From this cor., the closing cor. of secs. 9 and 16, bears N.0°29'W. 29.00 chs. dist.

From the 161st. mile cor., hereinbefore described, of the resurvey,
N.0°17'E., along the Utah-Colorado State Boundary Line, as defined by the said 161st. mile cor., and the 163rd. mile cor., hereinbefore described, of the 1878 survey.

35.22 Point midway bet. the closing cors. of secs. 9 and 16, and 4 and 9, on the Utah-Colorado State Boundary Line. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 9, with brass cap marked:

S 9 $\frac{1}{4}$	|	COLO
UTAH	|	
		1925

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

46.44 The 163rd. mile cor. of the 1878 survey.
From this cor., the closing cor. of secs. 4 and 9, bears

Establishment of Quarter Section Corners on Utah-Colorado State Boundary

Chains.

N.0°07'W. 28.74 chs. dist.

From the 162nd. mile cor., hereinbefore described, of the resurvey,

N.1°45'E., along the Utah-Colorado State Boundary Line, as defined by the said 162nd. mile cor., and the 164th. mile cor., hereinbefore described, of the 1878 survey.

34.58 Northing of 40.00 chs. from the closing cor. of secs. 4 and 9.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap marked:

U	|	COLO
T S 4 $\frac{1}{4}$		
A		
H		
	1925	

from which,

A cedar, 7 ins. diam., bears S.18°30'W., 418 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A cedar limb, 5 ins. diam., bears S.40°15'W., 465 lks. dist., marked $\frac{1}{4}$ S 4 B T.

45.97 The 164th. mile cor. of the 1878 survey.

From this cor., the closing cor. of Tps. 16 and 17 S., R. 26 E., on the Utah-Colorado State Boundary Line, bears N.0°42'W. 30.93 chs. dist.

Establishment of Quarter Sec. Cors. on North Bdy. of T. 17 S., R. 26 E.

From the cor. of secs. 32 and 33, on the S. bdy. of T. 16 S., R. 26 E., hereinbefore described,

West, along the N. bdy. of sec. 5, T. 17 S., R. 26 E.

6.475 Point midway bet. the closing cors. of secs. 4 and 5, and 5 and 6, hereinbefore described, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, only, with brass cap marked:

$\frac{1}{4}$ S 5
1925

and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Chains. The $\frac{1}{4}$ sec. cor., which was originally established for secs. 5 and 32, Tps. 16 and 17 S., R. 26 E., is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor., as described in the finished field notes of T. 16 S., R. 26 E., Group No. 87. This cor. now refers to sec. 32, only, T. 16 S., R. 26 E.; therefore, I efface the markings on the post, pertaining to sec. 5, T. 17 S., R. 26 E.

From the cor. of secs. 31 and 32, on the S. bdy. of T. 16 S., R. 26 E., hereinbefore described,

West, along the N. bdy. of sec. 6, T. 17 S., R. 26 E.

6.565 Point midway bet. the true point for the closing cor. of Tps. 17 S., Rs. 25 and 26 E., heretofore described in the finished field notes of T. 17 S., R. 25 E., Group No. 133, and the closing cor. of secs. 5 and 6, set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 6, only, with brass cap marked:

$\frac{1}{4}$ S 6
1925

from which,

A cedar limb, 10 ins. diam., bears S.32°W., 155

lks. dist., marked $\frac{1}{4}$ S 6 B T.

A cedar limb, 7 ins. diam., bears S.40°30'W., 127

lks. dist., marked $\frac{1}{4}$ S 6 B T.

The $\frac{1}{4}$ sec. cor., which was originally established for secs. 6 and 31, Tps. 16 and 17 S., R. 26 E., is an iron post, 1 in. in diam., extending 9 ins. above ground, firmly set, correctly marked and witnessed by two bearing trees in sec. 31, as described in the finished field notes of T. 16 S., R. 26 E., Group No. 87. As this cor. now refers to sec. 31, only, T. 16 S., R. 26 E., I efface the markings on the post, pertaining to sec. 6, T. 17 S., R. 26 E.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing	Distance.	Latitudes.		Departures.	
			N.	S.	E.	W.
West Bdy. of Tp.	North	Chs. 482.93	Chs. 482.93			
North Bdy. of Tp.	East	164.95			164.95	
East Bdy. of Tp.: 163rd. M cor. resurvey to 164th. M cor. 1878 survey.	S. 0° 42' E.	30.93		30.93	0.37	
164th. M cor. 1878 survey to 162nd. M cor. resurvey.	S. 1° 45' W.	45.97		45.95		1.40
162nd. M cor. resurvey to 163rd. M cor. 1878 survey.	S. 0° 07' E.	34.18		34.18	0.07	
163rd. mile 1878 survey to 161st. M cor. resurvey to 162nd. M cor. 1878 survey.	S. 0° 17' W.	46.44		46.44		0.23
162nd. M cor. 1878 survey to 160th. M cor. resurvey.	S. 0° 29' E.	33.74		33.74	0.28	
160th. M cor. resurvey to 161st. M cor. 1878 survey.	S. 0° 29' W.	47.05		47.05		0.40
161st. mile 1878 survey.	S. 0° 16' E.	33.41		33.41	0.16	
160th. mile 1878 survey.	S. 0° 03' E.	75.20		75.20	0.07	
159th. M cor. 1878 survey to closing cor. of Tps. 17 and 18 S., R. 26 E.	South	80.32		80.32		
South Bdy. of Tp.	S. 0° 08' E.	54.86		54.86	0.13	
Convergency	West	163.98			0.20	163.98
Totals.....			482.93 482.08	482.08	166.23 166.01	166.01
Errors in latitude and departure.....			0.85.....	0.28		

General Description.

This township lies in a valley and near the base of the Book Mountain Range. The land, in general, is level, gently rolling, and rolling and broken; but the greater part of the township may be classed as bench land, and only small portions in the northeast, northwest and southeast parts of the township are rolling and broken. The principal washes are Bitter Creek and Bar X (\bar{X}), which drain the entire township generally to the south. Outcroppings of shale and sandstone formation are exposed on some of the sections, but there are no apparent indications of oil, coal or other mineral. The approximate range of elevation above sea level is five thousand feet, and the general average magnetic

General Description.

declination is fifteen degrees and forty minutes east, which gives the magnetic bearing of the true meridian north fifteen degrees and forty minutes west.

On the benches or level and gently rolling land, the soil is a red sand or red sandy loam, about six inches to three feet deep, lying on a gravelly, dry, light clay or sand, or on a gravelly, white, chalky subsoil. Sandy loam or sandy clay loam, several feet deep, lying on a clay subsoil or on shale, is found in the bottoms of hollows along the main washes; and on the rolling and broken land, the soil is a sandy clay loam, varying in depth from about six inches to several feet, lying on shale or on a clay subsoil mixed with shale.

Cedar and pinon pine timber, varying from a scattering to a heavy growth, is found in the northwest, extreme north and northeast portions of the township.

Sagebrush is the principal undergrowth on the benches, although a scattering to a dense growth of shadscale, black brush, white sage, greasewood and rabbit brush grows on nearly all of the sections. Dense tall greasewood and rabbit brush are found in places, along Bitter Creek and Bar X (X) washes.

There is no water in the township, except one small alkaline spring, which is located in the northwest quarter of the southeast quarter of section nineteen. This spring flows into two large wooden troughs for watering stock.

The bench land is adapted for producing crops either by dry farming or by irrigation, but the latter method is not probable at present. The remaining portions are suitable only for grazing purposes; and the township taken as a whole, owing to the fair to excellent growth of grass and dense undergrowth, serves as a good winter range for sheep or cattle, and it is being used now for that purpose. Stock that graze on this land depend

General Description.

on snow for water, or trail to streams and reservoirs in the adjacent townships.

Alvin Preston, the only settler in the township, owns a house, twelve by ten feet, which is located in the northwest quarter of the southeast quarter of section nineteen. It is constructed of cedar posts, and has a paper roof, one door and three windows.

The road from Claude Taylor's ranch, which is located in section nine, Township Seventeen South, Range Twenty-five East, to the Pike's Peak-Ocean to Ocean Highway, crosses the west boundary of section thirty, and bears in a southeasterly direction, leaving the township on the east boundary of section thirty-three. From this road in section thirty, a sheep wagon road forks, and bears in a southwesterly direction to Jolly's field, which is located in sections twenty-five, twenty-six, thirty-five and thirty-six, Township Seventeen South, Range Twenty-five East. A road from the Wild Cow ranch, which is located in section thirty-six, Township Sixteen South, Range Twenty-five East, to Prairie Canyon and to the Pike's Peak-Ocean to Ocean Highway, crosses the west boundary of section six, and bears in a southeasterly direction through sections six, seven, eight and nine; and the road from Horace Violet's ranch, in section thirty-two, Township Sixteen South, Range Twenty-six East, to Prairie Canyon and the Pike's Peak-Ocean to Ocean Highway, crosses the north boundary of section five, near the corner of sections thirty-two and thirty-three, Township Sixteen South, Range Twenty-six East, and bears in a southerly and southeasterly direction, leaving the township south about ten chains distant from the closing corner of sections four and nine, on the Utah-Colorado State Boundary Line. There are no other improvements in the township.

CERTIFICATE OF UNITED STATES SURVEYOR

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 10th. day of February, 1923, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision and the establishment of Quarter Section Corners on the North Boundary of T. 17 S., R. 26 E.; retracement of the Utah-Colorado State Boundary Line from the 161st. Mile Corner of the 1878 Survey to the 163rd. Mile Corner of the Resurvey, and the establishment of Quarter Section Corners on the Utah-Colorado State Boundary ~~west~~ Line, on the E Boundary of T. 17 S., R. 26 E. of the Salt Lake Base and Meridian, in the State of Utah, which are represented and date diagram on page 1 of same on the dates shown on said diagram. The foregoing field notes having been executed by me, and under my direction, and that all the corners and surveys have been established and perpetuated in strict accordance with the Manual of Surveying Instructions and the special written instructions of the U. S. Surveyor General for Utah in the specific manner described in the field notes, and that the foregoing are the original field notes of the survey.

Certified to at Salt Lake City, Utah, March 19, 1923.

J. C. Clark
U. S. Surveyor

APPROVAL.

Supervisor of Surveys
OFFICE OF THE UNITED STATES ~~Surveyor General~~

DEC 15 1926, 19

The foregoing field notes of the survey of the subdivision and the establishment of quarter section corners on the north boundary of T. 17 S., R. 26 E.; retracement of the Utah-Colorado state boundary line from the 161st. mile corner of the 1878 survey to the 163rd mile corner of the resurvey, and the establishment of quarter section corners on the Utah-Colorado state boundary line, on the east boundary of T. 17 S., R. 26 E., S. L. B. & M.,

executed by J. C. Clark, U. S. Surveyor under his special instructions dated February 10, 1923, 19 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe are hereby approved.

Wm. H. Johnson
Supervisor of Surveys ~~Surveyor General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

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BOOK A-480

"A"

FIELD NOTES

OF THE SURVEY OF THE

THE NORTH AND WEST BOUNDARIES, A PORTION OF THE EAST BOUNDARY,

A PORTION OF THE FIFTH STANDARD PARALLEL SOUTH THROUGH R. 21 E.,

A PORTION OF THE SUBDIVISION, AND THE MEANDERS OF THE RIGHT BANK

OF THE COLORADO RIVER THROUGH SECS. 24, 25, 26, 27, 31 and 34,

OF

T. 25 S., R. 21 E.

Of the Salt Lake Base And Meridian,

in the State of Utah

EXECUTED BY

Chas. F. Moore

and

Willis W. Bandy

in the capacity of U. S. Surveyors, under instructions dated July 28, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 142, which were approved by the Commissioner of the General Land

Office, August 13, 1923; and assignment instructions dated

May 15, 1924.

Survey commenced June 20, 1924.

Survey completed July 24, 1924.

INDEX DIAGRAM.

Township		25 South		Range		21 East.	
37	36	35	33	32	30		
22	6 123	5 99	4 79	3 71	2 59	1	28
	122	120	96	78	70	58	
20	7 118	8 95	9 77	10 67	11 56	12	27
	117	115	93	76	66	55	
19	15 113	17 92	16 74	15 65	14 54	13	25
	111	110	90	73	63	53	
17	19 108	20 88	21 72	22 61	23 52	24	23
	107	106	87	44	47	50	125
16	30 105	29 86	28 43	27 45	26 126	25 49 126	
	103	101	84	41	Colorado River		
14	31 99	32 82	33 40	34 127	35	36	
	12	10	8	5			

BOOK A-430

4-679 b

INDEX DIAGRAM.

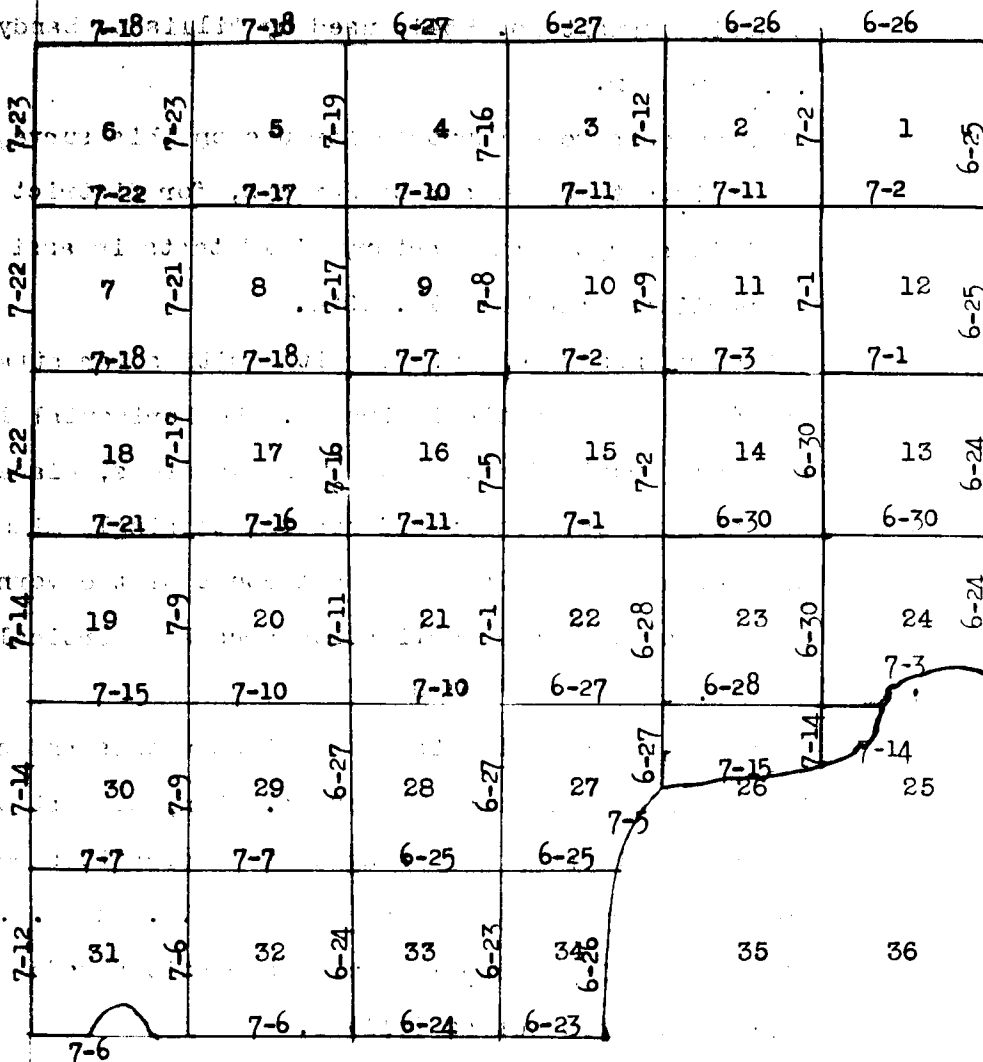
Township 25 S., Range 21 E.

	89	88	87	85	84	83						
74	6	175	5	151	4	131	3	123	2	111	1	80
	174		172		148		130		122		110	
72	7	170	8	147	9	129	10	119	11	108	12	79
	169		167		145		128		118		107	
71	18	165	17	144	16	126	15	117	14	106	13	77
	163		162		142		125		115		105	
69	19	160	20	140	21	124	22	113	23	104	24	75
	159		158		139		96		99		102	
								97		101		
68	20	157	29	138	28	45	27		26		25	
	155		153		136		93					
66	31	151	32	134	33	92	34		25		36	
	64		62		60		57					

6-1817

Meanders 177-180.

Date Diagram.



All lines ruled in black were surveyed by Chas. F. Moore,
U.S. Surveyor, in year 1924.

All lines ruled in red were surveyed by Willis W. Bandy,
U.S. Surveyor, in year 1924.

Survey commenced June 20, 1924, and executed with Buff and Buff light mountain transit No. 9220, used by Chas. F. Moore, U.S. Surveyor, and Young and Sons light mountain transit No. 8544, used by Willis W. Bandy, U.S. Surveyor.

The instruments were approved for use on this survey, by the Assistant Supervisor of Surveys, for District No. 6, conditional upon satisfactory field tests in assignment instructions dated May 15, 1924.

The instruments were equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and vertical circle.

We examine the adjustments of the instruments and correct the level and collimation errors. Then, to test the solar apparatus by comparing their indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations made on Polaris, we proceed as follows.

June 21, 1924: At camp, located near the cor. of secs. 22, 23, 26 and 27, T. 25 S., R. 21 E., in approximate latitude, $38^{\circ}38'$ N., longitude, $109^{\circ}36'$ W.; at 1h 40m a.m. local mean time, with instrument No. 9220, we observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a tack in a stake, driven firmly in the ground, 10 chains N.

Azimuth of Polaris at eastern elongation= $1^{\circ}25'$ W.

We lay off the azimuth of Polaris, $1^{\circ}25'$ to the west, and mark the meridian thus determined by a tack in a stake, driven firmly in the ground, 10 chains N.

At 8h 00m a.m. apparent time, with both instruments in the meridian, we set off $38^{\circ}38'$ N., on the latitude arcs; $23^{\circ}27'$ N., on the declination arcs; and determine a meridian with the solars which we find to agree with the true meridian.

At apparent noon, with instrument No. 9220 in the meridian, we make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's lower limb, and the transit of the sun's west limb, reversing the telescope, and observing simultaneously, the altitude of the sun's upper limb, and the transit of the sun's east limb.

Mean observed altitude= $74^{\circ} 49'$

Reduced latitude= $38^{\circ} 38' \text{ N.}$

Mean watch time of observation= 12h 3m 51s

Watch fast of local mean time= 0h 2m 20s

At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the reading of the declination arcs to be $23^{\circ}27'$ N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $23^{\circ}27'$ N., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1'$ of the true meridian, we conclude that the instruments are in good adjustment.

The instruments were kept in good adjustment throughout the progress of this survey, frequent tests being made of the Polaris meridian established by observations made on Polaris.

Near the completion of the survey of this township, we make a final test of the instruments as follows:

July 23, 1924: With the instruments in the meridian

T. 25 S., R. 21 E.

established by observations on Polaris, which is heretofore described; at 9h 00m a.m. apparent time, we set off $38^{\circ}38'$ N., on the latitude arcs; $20^{\circ}55'$ N., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian. At apparent noon, with the instruments in the meridian and the latitude arcs unchanged, we find the readings of the declination arcs to be $20^{\circ}02'$ N., which agrees with the computed declination of the sun.

At 3h 00m p.m. apparent time, with the instruments in the meridian and the latitude arcs unchanged, we set off $20^{\circ}00'$ N., on the declination arcs, and determine a meridian with the solars which we find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within $1'$ of the true meridian, we conclude that the instruments are in good adjustment.

Measurements

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Lufkin standard steel tape, 1 chain long and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Method And Order of Procedure.

The Colorado River flows through the SE. portion of this township and the land to the left of the river which consists of secs. 35 and 36, portions of secs. 24, 25, 26, 27 and 34, have been previously surveyed, and the left bank of the river previously meandered.

The Fifth Standard Parallel South, forms the S. bdy. of the township and was surveyed West, from the original

standard cor. of secs. 34 and 35, a distance of 4 miles, where the standard cor. of T. 25 S., Rs. 20 and 21 E. was set.

The East boundary of the township, was run N. from the meander cor. of secs. 25 and 30, which is 73.36 chs. N. of the cor. of secs. 25, 30, 31 and 36, a distance of 4 miles 6.64 chs., where the cor. of Ts. 24 and 25 S., Rs. 21 and 22 E. was set.

The cor. of Ts. 24 and 25 S., Rs. 20 and 21 E., was set at an intersection of a line projected W. from the cor. of Ts. 24 and 25 S., Rs. 21 and 22 E., and one projected N. from the standard cor. of T. 25 S., Rs. 20 and 21 E. The fractional distances of these two boundaries were placed in the northern and western half miles.

The northern 2 miles of the W. bdy. of this township have been previously surveyed and were tied to the meander cor. of secs. 27 and 34, on the left bank of the Colorado River by a traverse line from the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the township. All traces found of this survey were destroyed.

The right bank of the Colorado River was meandered and meander cors. set at the intersection of the sec. and bdy. lines with this bank of the river.

Survey of the Fifth Standard Parallel South Through R. 21 E.

From the stand cor. of secs. 34 and 35, which is an iron post, 3 ins. diam., firmly set, with brass cap marked and witnessed as described by the Surveyor General. West, along the S. bdy. of sec. 34.

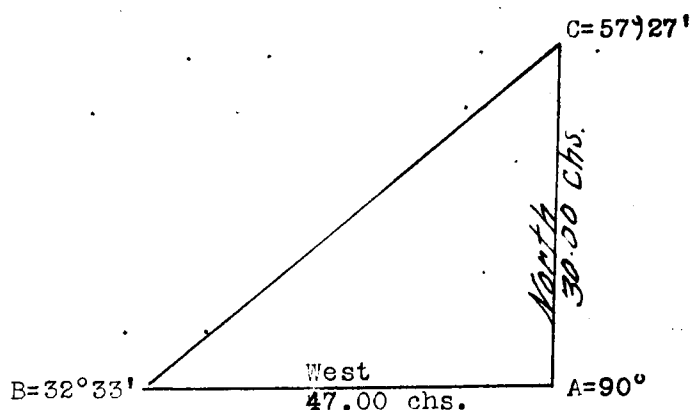
Over broken sandstone ledges through dense timber and scattering undergrowth.

As the high cottonwood trees and perpendicular sandstone walls of the right and left bank of the Colorado River, make it impossible to project my line W. from the

Survey of The Fifth Standard Parallel South Through R. 21 N.

Chains

standard cor. of secs. 34 and 35, I commence at a point, 24.87 chs. E. of the standard cor. and determine the distance to right bank of the Colorado River by triangulation as follows. Erect flag "A" at this point and flag "B" on line W. across river. From flag "A", measure base line "AC", North, 30.00 chs. dist., from which point, flags "AB" subtend an angle of $57^{\circ}27'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation, counting from the standard cor. of secs. 34 and 35, =	22.13 chs.
Distance by return measurement=	1.05 chs.
	<u>21.08 chs. ✓</u>

Approximate topography on triangulated distance, counting from the standard cor. of secs. 34 and 35.

5.00 Record distance; unable to locate the meander cor. of sec. 34 on account of this point being covered with approximately 2 ft. of water at this time of the year.

Thence across the Colorado River, leave cottonwood timber, bears N. and S.

21.07 The mean high water mark on the right bank of the Colorado River.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. of sec. 34, with brass cap marked.

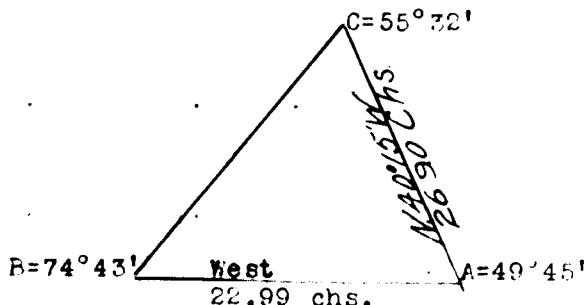
SC	|	MC
T25S		
R21E		
S34		

Survey of the Fifth Standard Parallel South Through R. 21 E.

Chains

- 22.13 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. To point of triangulation.

As the high perpendicular wall on the W. side of the Colorado River, makes chaining to the W. of this point impracticable, I determine the distance by triangulation to top of wall as follows. Return to the meander cor. of sec. 34, on W. side of river and erect flag "A", and flag "B" on line W. at top of ledge. From flag "A", measure base line "AC", N. $40^{\circ}15'$ W., 26.90 chs. dist., from which point, flags "AB" subtend an angle of $55^{\circ}32'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	21.07 chs.
Distance by triangulation =	22.99 chs.
	<u>44.06 chs.</u>

Approximate distances to topography on triangulation.

- 38.00 Base of high sandstone wall, bears N. and S.
- 40.00 Point for the standard $\frac{1}{4}$ sec. cor. sec. 34, falls on high inaccessible ledge where the cor. point cannot be reached.
- 44.00 To point of triangulation at top of sandstone wall, 820 ft. above base, bears N. and S.
- At this point, on sandstone surfacerock, mark a cross (X), over which:
- Set an iron post, 3 ft. long, 1 in. diam., in a large witness cor. to the mound of stone, for standard $\frac{1}{4}$ sec. cor. sec. 34, with brass cap marked.

SC
WC $\frac{1}{4}$ S34

1924.

From which,

Survey of the Fifth Standard Parallel South Through the BL

Chains

A pinon, 10 ins. diam., bears N. $59^{\circ}30'$ W., 105 lks.

dist., marked $\frac{1}{4}$ S34. SC BT.

No other suitable accessories available.

Thence over broken sandstone outcroppings through scattering scrub timber.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for standard cor. of secs. 33 and 34, with brass cap marked.

S	C
T25S	R21E
S33	S34

1924

From which,

A cedar, 8 ins. diam., bears N. $20^{\circ}15'$ E., 117 lks.
dist., marked T25S R21E S34 SC BT.

A pinon, 6 ins. diam., bears N. $57^{\circ}15'$ W., 66 lks.
dist., marked T25S R21E S33 SC BT.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock, 4th rate.

Undergrowth, scattering blackbrush.

Timber, dense cottonwood on E. portion of mile,
scattering scrub cedar and pinon on W. portion.

Poor grazing.

West, along the S. bdy. of sec. 33.

Over broken sandstone ledges through scattering timber and undergrowth.

37.70 Sandstone wash, 50 lks. wide, 10 ft. deep, drains SW.

40.00 On sandstone surfacerock, mark a cross (X), over which
set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for standard $\frac{1}{4}$ sec. cor., sec. 33, with brass cap marked.

SC
$\frac{1}{4}$ S33

1924

Survey of the Fifth Standard Parallel South Through R. 21 E.

Chains

From which,

A pinon, 6 ins. diam., bears N. 2° E., 41 lks.
dist., mark $\frac{1}{2}$ S33 SC BT.

A cedar, 8 ins. diam., bears N. 86° E., 25 lks.
dist., marked $\frac{1}{2}$ S33 SC BT.

No suitable bearing tree to the NW. available.

75.91 The E. rim of box canyon, with perpendicular sandstone
walls 300 ft. high, bears NE. and SW.

As the true point for the standard cor. of secs. 32 and 33,
will fall in the E. breaks of canyon where the cor.
point cannot be reached, at this point, on sandstone
surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for witness cor. to the standard cor.
of secs. 32 and 33, with brass cap marked.

	S	C
T25S	R21E	
WC S32	S33	

1924

From which,

A point on sandstone ledge, marked ^{WC}/X BO SC S33, bears
N. 89° E., 64 lks. dist.

No other suitable accessories available.

80.00 True point for the standard cor. of secs. 32 and 33,
falls in inaccessible ledges. No cor. set.

Land, broken by sandstone ledges, with a general south-
westerly exposure and drainage.

Soil, shallow sandy loam in places on the sandstone
bedrock; 4th rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

Survey of The Fifth Standard Parallel South Through R. 21E

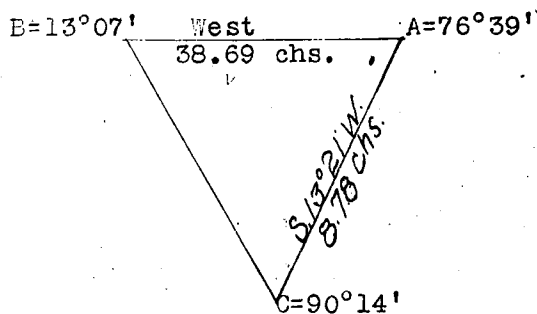
Chains

united

West, along the S. bdy. of sec. 32.

Over broken sandstone ledges through scattering undergrowth.

As it is impossible to reach the true point for the standard cor. of secs. 32 and 33, I commence at the witness cor. to the standard cor. of secs. 32 and 33, which is E., 4.09 chs. dist. from the true cor. point, and determine the distance to the W. rim of box canyon by triangulation as follows. Erect flag "A" at the witness cor. and flag "B" on line W. at top of W. rim of canyon. From flag "A" measure base line "AC", S. $13^{\circ}21'$ W., 8.78 chs. dist., from which point, flags "AB" subtend an angle of $90^{\circ}14'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation counting from the true point for the standard cor. of secs. 32 and 33 = 34.60 chs.

4.09 True point for the standard cor. of secs. 32 and 33.
Approximate

1.50 distance counted from true point for. cor.; bottom of box canyon, 300 ft. deep, drains SW

34.60 To point of triangulation at W. rim of box canyon, 300 ft. above bottom, bears NE. and SW.; thence over broken sandstone ledges.

36.40 As the true point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, falls on the steep S. face of sandstone ledge where it is impracticable to set cor.; at this point, on sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the standard $\frac{1}{4}$ sec. cor. of sec. 32, with brass cap marked.

Survey of The Fifth Standard Parallel South Through R. 21 E.

12 sec. 32 SC
WC \pm S32

1924

From which,

A point on sandstone ledge, marked WC X BO S32, bears
N. 89° E., 120 lks. dist.

No other suitable accessories available.

40.00 True point for the standard sec. cor. of sec. 32, falls
on steep S. face of sandstone ledge. No cor. set.

50.60 The E. rim of box canyon, bears N. and S.

52.30 Bottom of box canyon, 100 ft. deep, drains S.

53.90 The W. rim of box canyon, bears N. and S.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for standard cor. of secs. 31 and 32,
with brass cap marked.

S	C
T25S	R21E
S31	S32

1924

From which,

A point on sandstone ledge, marked X BO S32, bears
N. 81°30' E., 46 lks. dist.

No other suitable accessories available.

Land, broken by sandstone ledges and deep box canyons,
with a general southerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the
sandstone surfacerock; 4th rate.

Undergrowth, scattering blackbrush.

No timber.

Poor grazing.

Survey of The Fifth Standard Parallel South Through R. 21

Chains

West, along the S. bdy. of sec. 31.

Over broken sandstone ledges through scattering undergrowth

.50 The E. rim of canyon near mouth, bears NE. and SW.;

descend abruptly over broken sandstone ledges which
form E. breaks of canyon.3.00 Bottom of canyon, 150 ft. below top of E. rim, drains
SW.; thence ascend gradually over broken ledges.11.00 Top of E. rim of the Colorado River, 50 ft. above bottom
of canyon, bears NW. and SE.; descend abruptly over
sandstone ledges to river.13.14 The mean high water mark on right bank of bend in the
Colorado River, bears NW. and SE.Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for meander cor. of sec. 31, with brass cap
marked.

	SC
	T25S
	R21E
MC	<u>S31</u>

1924

From which,

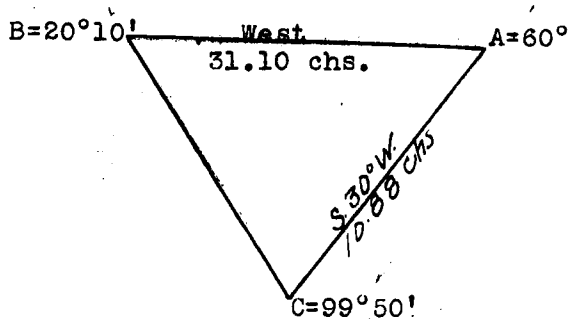
A point on a sandstone ledge, marked X BO S31, bears
North, 74 lks. dist.

No other suitable accessories available.

To determine the distance across bend in the Colorado
River, I triangulate as follows. Erect flag "A" at the
meander cor. of right bank of river and erect flag
"B" on line W. at top of ledge across bend in river.
From flag "A", measure base line, S. 30° W., 10.88 chs.
dist. and erect flag "C". From flag "C", flags "AB"
subtend an angle of 99° 50'. All bearings checked by
direct reading of the solar and all angles checked by
deflection.

Survey of The Fifth Standard Parallel South Through R. 21 E.

Chains



Distance on line=	13.14 chs.
Distance by triangulation =	31.10 chs.
	<u>44.24 chs.</u>
Distance by return measurement=	5.00 chs.
	<u>39.24 chs.</u>

- 39.24 Mean high water mark on right bank of the Colorado River at W. side of bend in river, ^{M.C.}/falls on sloping sandstone ledge where it is impracticable to set meander cor.
- 40.00 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, falls on E. face of sandstone ledge, where it is impracticable to set cor.
- 44.24 At top of ledge, 250 ft. high, bears N. and S., on sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the standard $\frac{1}{4}$ sec. cor. of sec. 31, and witness cor. to the meander cor. of sec. 31, with brass cap marked.

SC
T25S R21E
WC $\frac{1}{4}$ S31 MC WC

1924

From which,

A point on sandstone ledge, marked WC X $\frac{1}{4}$ S31, bears N. 70° W., 14 lks. dist.

No other suitable accessories available.

Thence over broken sandstone ledges through scattering scrub timber, bears N. and S.

61.90 Base of sandstone butte, bears NW. and SE.

64.30 Top of sandstone butte, 120 ft. high,

80.00 At base of sandstone butte, bears NW. and SE.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, for standard cor. of T. 25 S., Rs. 20 and 21 E.,

Survey of The Fifth Standard Parallel South Through Sec 21

Chains

acres

with brass cap marked.

SC	
T25S	
R20E	R21E
S36	S31

1924

From which,

A. cedar, 8 ins. diam., bears N. 6° E., 77 lks.

dist., marked T25S R21E SC S31 BT.

A. cedar, 8 ins. diam., bears N. 59° W., 79 lks.

dist., marked T25S R20E SC S36 BT.

Land, broken by sandstone ledges and breaks of the Colorado River, with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the sandstone surfacerock; 4th rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar on W. portion of mile.

Poor grazing.

Survey of The West Boundary of T. 25 S., R. 21 E.

From the standard cor. of T. 25 S., Rs. 20 and 21 E., which is heretofore described.

North, bet. secs. 31 and 36, along the W. bdy. of the township.

Over broken sandstone outcroppings through scattering undergrowth.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

2	
S36	S31

1924

From which,

Survey of The West Boundary of T. 25 S., R. 21 E.

Chains

A point on a sandstone boulder, size, 12 x 6 x 6 ft.,
marked X B0 S36, bears S. 30° W., 10 lks. dist.

No other suitable accessories available.

Cor set at base of sandstone outcroppings, bears NW.
and SE.

43.10 Top of sandstone outcroppings, 100 ft. high, bears
NW. and SE.; thence over broken top of sandstone
outcroppings.

54.30 Top of abrupt descent from sandstone outcroppings, bears
NW. and SE.

61.10 Base of abrupt descent from sandstone outcroppings,
130 ft. below top, bears NW. and SE.; thence over
broken sandstone surfacerock.

79.90 As the true point for the cor. of secs. 25, 30, 31 and
36, will fall on top of large sandstone boulder, where
it is impracticable to set cor.; at this point.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the cor. of secs. 25, 30, 31 and 36,
with brass cap marked.

WC /	
T25S	
R20E	R21E
S25	S30
S36	S31
1924	

From which,

A point on large sandstone boulder, bears N. 15° E.,
3 lks. dist., marked X B0 WC S31.

A cedar, 4 ins. diam., bears S. 9°30' E., 30 lks.
dist., marked WC T25S R21E S31 BT.

A cedar, 4 ins. diam., bears N. 47°30' W., 26 lks.
dist., marked WC T25S R20E S25 BT.

No other suitable accessories available.

80.00 Point for the cor. of secs. 25, 30, 31 and 36. No cor. set.
Land, broken by sandstone ledges with a general south-
westerly exposure and drainage.

Survey of The West Boundary of T. 25 S., R. 21 E.

Chains

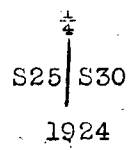
aligned

Soil, shallow sandy loam in the depressions of the sandstone surfacerock.
Undergrowth, scattering blackbrush.
Timber, a few scattering scrub cedar and pinon on N. portion of mile.
Poor grazing.

North, bet. secs. 25 and 30, from the true point for the cor. of secs. 25, 30, 31 and 36, which is 10 lks. N. of the witness cor. to said secs.

Over broken sandstone surfacerock through scattering timber and undergrowth.

- 5.00 Draw, 20 ft. deep, drains SE.
- 22.10 Spur, 30 ft. high, projects SE.
- 40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

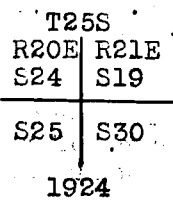


From which,

A pinon, 6 ins. diam., bears S. $54^{\circ}30'$ E., 99 lks. dist., marked $\frac{1}{4}$ S30 BT.

A cedar, 8 ins. diam., bears N. $44^{\circ}15'$ W., 52 lks. dist., marked BT. Tree too scrubby for other marks.

- 62.70 Spur, 30 ft. high, projects SE.
- 80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 19, 24, 25 and 30, with brass cap marked.



From which,

Survey of The West Boundary of T. 25 S., R. 21 E.

Chains

A pinon, 4 ins. diam., bears N. $72^{\circ}30'$ E., 55 lks.

dist., marked T25S R21E S19 BT.

A pinon, 6 ins. diam., bears S. $71^{\circ}30'$ E., 35 lks.

dist., marked T25S R21E S30 BT.

A pinon, 8 ins. diam., bears S. $12^{\circ}30'$ W., 97 lks.

dist., marked T25S R20E S25 BT.

A pinon, 6 ins. diam., bears N. $14^{\circ}30'$ W., 78 lks.

dist., marked T25S R20E S24 BT.

Land, broken by sandstone outcroppings with a general southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 4th rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

North, bet. secs. 19 and 24.

Over broken land through scattering undergrowth.

17.30 Enter broken W. breaks of canyon, bears NW. and SE.

35.00 Leave broken W. breaks of canyon, bears NE. and SW.

40.00 On broken land, 220 ft. above the sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for 1 sec. cor., with brass cap marked.

$\frac{1}{4}$
 S24 | S19
 1924

From which,

A point on sandstone ledge, marked X BO S24, bears N. 55° W., 7 lks. dist.

No other suitable accessories available.

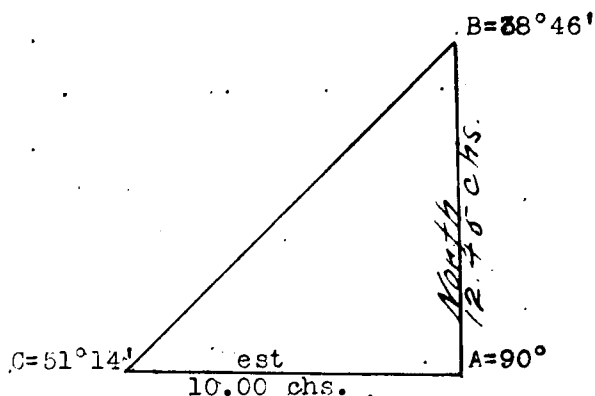
48.50 The head of box canyon, bears E., 5.00 chs. dist.

67.55 Brink of abrupt descent over broken sandstone ledges over which I am unable to chain, bears NW. and SE., 200 ft. above the $\frac{1}{4}$ sec. cor., I therefore determine the distance by triangulation as follows. Erect flag

Survey of The West Boundary of T. 25 S., R. 21 E.

Chains

"A" at the 67.55 chs. point and flag "B" on line N.
From flag "A", measure base line, "AC", West, 10.00 chs.
dist., from which point, flags "AB" subtend an angle of
 $51^{\circ}14'$. All bearing checked by direct reading of the
solar and all angles checked by deflection.



Distance on line =	67.55 chs.
Distance by triangulation =	12.45 chs.
	<u>80.00 chs.</u>

80.00 To point of triangulation and point for the cor. of secs.
13, 18, 19 and 24, which falls on steep NE. face of
ledge; where a permanent cor. cannot be set. Therefore,
at a point, 40 lks. E. of the true cor. point.
Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in
the ground to bedrock and in a large mound of stone,
for witness cor. to the cor. of secs. 13, 18, 19 and 24,
with brass cap marked.

	T25S	
	R20E	R21E
	S13	S18
WC	S24	S19
	1924	

Deposit a sandstone, 8 x 6 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

Land, broken by sandstone outcroppings with a general
southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush.

No timber. Poor grazing.

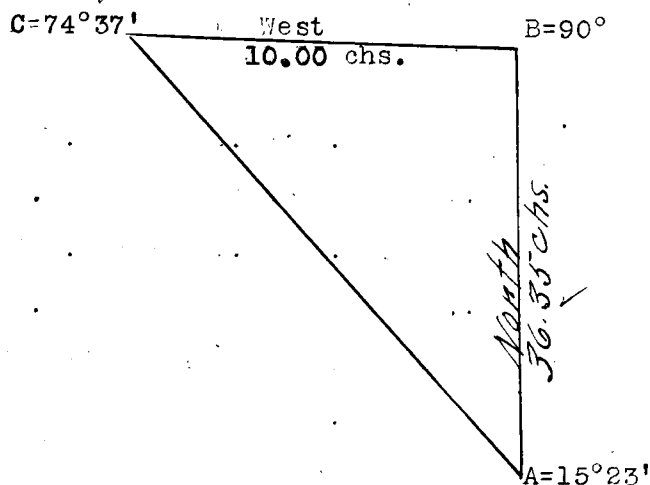
Chains

From the true point for the cor. of secs. 13, 18, 19 and 24, which is 40 lks. W. of the witness cor. to said secs.

North, bet. secs. 13 and 18.

Over broken sandstone ledges through scattering timber and undergrowth.

As it is impracticable to chain N. from this point on account of the high sandstone ledges, I determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", West, 10.00 chs. dist. from which point, flags "AB" subtend an angle of $74^{\circ}37'$. All bearing checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation=	36.35 chs.
Distance by return measurement=	2.35 chs.
	<hr/> 34.00 chs.

- 34.00 Old road, bears NW. to Thompson, Utah and SE. to Moab, Ut.
- 36.35 To point of triangulation.
- 38.50 Wash, 40 lks. wide, 5 ft. deep, at base of abrupt descent, 250 ft. below cor. point, bears NW. and SE.; wash drains SE.
- 40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor.; with brass cap marked.

Survey of The West Boundary of T. 25 S., R. 21 E.

Chains

From which,

A cedar, 4 ins. diam., bears N. $42^{\circ}45'$ E., 195 lks.
dist., marked $\frac{1}{4}$ S18 BT.

A cedar, 4 ins. diam., bears N. $28^{\circ}30'$ W., 84 lks.
dist., marked $\frac{1}{4}$ S13 BT.

55.64 Telephone line, bears NW. to Thompson, Utah, and SE. to
Moab, Utah. .

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 7, 12, 13 and 18, with brass cap marked.

T25S	
R20E	R21E
S12	S7
S13	S18
1924	

From which,

A cedar, 6 ins. diam., bears S. $15^{\circ}30'$ E., 121 lks.
dist., marked T25S R21E S18 BT.

A cedar, 6 ins. diam., bears S. $31^{\circ}30'$ W., 124 lks.
dist., marked T25S R20E S13 BT.

No other suitable accessories available and soil too
loose for pits.

Land, broken by sandstone ledges with a general south-
easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

North, bet. secs. 7 and 12.

Over broken land through scattering undergrowth and
timber.

4.50 State Highway, bears NW. to Thompson, Utah, and SE. to
Moab, Utah.

Re-survey of The West Boundary of T. 25 S. R. 21 E.

Chains

13.70 The original cor. of secs. 7, 12, 13 and 18, which I destroy and which is a sandstone, 12 x 12 x 4 ins. above ground, marked and witness^d as described by the Surveyor General, bears W., 5 lks.

33.20 Old road, bears E. and W.

40.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S12 | S7

1924

From which,

A cedar, .5 ins. diam., bears S. 22° E., 114 lks.
dist., marked $\frac{1}{4}$ S7 BT.

A cedar, 5 ins. diam., bears N. 24° W., 135 lks.
dist., marked $\frac{1}{4}$ S12 BT.

53.70 Find no trace of the original $\frac{1}{4}$ sec. cor. secs. 7 and 12.

80.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for the cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T25S
 R20E | R21E
 S1 | S6

 S12 | S7

1924

From which,

A cedar, 4 ins. diam., bears S. 70° E., 7 lks.
dist., marked T25S R21E S7 BT.

A cedar, 6 ins. diam., bears S. 15°45' W., 140 lks.
dist., marked T25S R20E S12 BT.

A cedar, 4 ins. diam., bears N. 2° W., 33 lks.
dist., marked T25S R20E S1 BT.

No suitable NE. bearing tree available.

Land, broken by sandstone outcroppings with a general southeasterly exposure and drainage.

Survey of the East Boundary of Township 24 S., Range 20 E.,

Chains

Soil, shallow sandy loam mixed with loose sandstone.

3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pine.

Fair grazing.

09.53

North, bet. secs. 1 and 6.

Over broken sandstone outcroppings through scattering undergrowth and scrub timber.

17.50 The original cor. of secs. 1, 6, 7 and 12, which I destroy and which is a sandstone, 8 x 8 x 5 ins., above ground, marked and witnessed as described by the surveyor General, bears W., 15 lks.

42.00 On sandstone surface rock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for 1st sec. cor., with brass cap marked.

S1 | S6

1924

From which,

A cedar, 4 ins. diam., bears S. 35° E., 30 lks.

dist., marked S6 PT.

A cedar, 4 ins. diam., bears N. 34°45' W., 72 lks.

dist., marked S1 PT.

53.50 Find no trace of the original 1st sec. cor. secs. 1 and 6.

80.00 Set temp. point for cor. of Ts. 24 and 25 S., Rs. 20 and 21 E.

80.40 The cor. of Ts. 24 and 25 S., Rs. 20 and 21 E., as described in the survey of the N. bdy. of this township.

Land, broken by sandstone outcroppings with general southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate,

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pine.

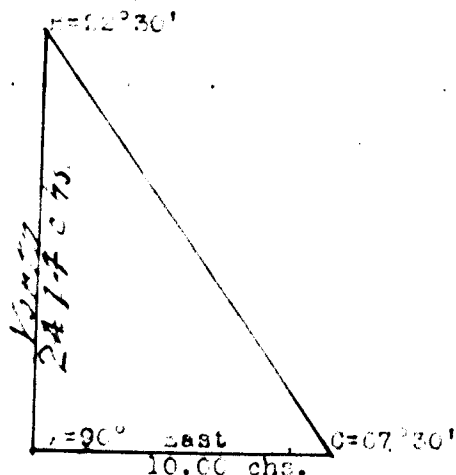
Fair grazing.

Survey of The East Boundary of T. 25 S., R. 21 E.

Chains

North, bet. secs. 19 and 24, along the E. bdy. of the township.

on left bank Colorado River
Commence at the meander cor. of secs. 25 and 30, which is an iron post, 1 in. diam., firmly set, marked and witnessed as described by the surveyor general; then, to determine the distance to position for the meander cor. of secs. 19 and 24, on right bank of river, I proceed by triangulation as follows. From a point 3.31 chs. S. of the meander cor. of secs. 25 and 30, erect flag "A", and flag "B" on line E. across river. From flag "A", measure base line "AC", east, 10.00 chs. dist., from which point, flags "AB" subtend an angle of $67^{\circ}30'$. All bearings checked by direct reading of the solar and all angles checked by reflection.



Distance by triangulation = 24.14 chs.
Distance by return measurement = 9.94 chs.
14.20 chs.

Distance from point "A" of triangulation and point for the cor. secs. 19, 24, 25 and 30 = 9.95 chs.
4.25 chs.

4.25 The mean high water mark on right bank of the Colorado River and point, 4.25 chs. N. of true point for the cor. of secs. 19, 24, 25 and 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. of secs. 19 and 24, with brass cap marked.

T25S	
R21E	R22E
S24	S19

M C

1924

Survey of the East Boundary of T. 25 S., R. 21 E.

Chains

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Thence, over broken sandstone outcroppings through scattering undergrowth, counting distances from point for cor. of secs. 19, 24, 25 and 30.

21.90 The S. rim of sandstone gulch, bears NE. and SW.

25.00 Bottom of sandstone gulch, 40 ft. deep, drains SW.

27.00 The N. rim of gulch, bears NE. and SW.; enter scattering scrub timber, bears NE. and SW.

40.00 Point for the $\frac{1}{2}$ sec. cor. falls on large sandstone boulder where it is impracticable to set a permanent cor. Mark a cross (X) at the true cor. point.

40.55 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor., secs. 19 and 24, with brass cap marked.

$\begin{array}{c} \text{S24} \mid \text{S19} \\ \text{W} \mid \text{C} \\ 1924 \end{array}$

From which,

A cedar, 6 ins. diam., bears N. $69^{\circ}15'$ E., 117 lks. dist., marked WC $\frac{1}{4}$ S19 BT.

A cedar, 6 ins. diam., bears N. 77° W., 83 lks. dist., marked WC $\frac{1}{4}$ S24 BT.

50.00 Top of elongated sandstone butte, 30 ft. high, bears E. and W.

63.70 Top of sandstone ridge, 40 ft. high, bears E. and W.

71.00 Head of sandstone gulch, 50 ft. deep, drains SE.

80.00 Point for the cor. falls on large sandstone boulder where a permanent cor. ~~can~~ not be set. Mark a cross (X) on sandstone surfacerock for true cor. point.

82.15 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 5 ins. in the ground to bedrock and in a large mound of stone, for

Survey of The East Boundary of T. 25 S., R. 21 E.

Chains

witness cor. to the cor. of secs. 13, 18, 19 and 24,
with brass cap marked.

T25S	
R21E	R22E
S13	S18
S24	S19
W C	
1924	

From which,

A cedar, 10 ins. diam., bears S. $70^{\circ}15'$ E., 48 lks.

dist., marked WQ T25S R22E S18 BT.

A cedar, 4 ins. diam., bears S. $23^{\circ}45'$ W., 33 lks..

dist., marked WQ T25S R21E S13 BT.

A cedar, 9 ins. diam., bears N. 16° W., 80 lks.

dist., marked WC T25S R21E S13 BT.

No suitable NE. bearing tree available.

Land, broken by sandstone ledges with a general south-
easterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the sand-
stone surfacerock; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon on N. portion
of mile.

Poor grazing.

From the true point for the cor. of secs. 13, 18, 19 and
24, which is S., 2.15 chs. dist. from the witness cor.
to said secs.

North, bet. secs. 13 and 18.

Over broken sandstone outcroppings through scattering
undergrowth and timber.

2.15 The witness cor. to cor. of secs. 13, 18, 19 and 24.

7.00 Sandstone ridge, 30 ft. high, bears NW. and SE.

12.00 Sandstone ridge, 30 ft. high, bears E. and W.

40.00 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of The East Boundary of T. 25 S., R. 21 E.

Chains

S13 | S18

1924

From which,

A cedar, 6 ins. diam., bears S. $78^{\circ}15'$ E., 27 lks.
dist., marked $\frac{1}{4}$ S18 BT.

A pinon, 12 ins. diam., bears N. $11^{\circ}45'$ W., 121 lks.
dist., marked $\frac{1}{4}$ S13 BT.

52.00 Draw, 20 ft. deep, drains SE.

80.00 On broken land..

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 7, 12, 13 and 18, with brass
cap marked.

T25S
R21E | R22E
S12 | S7

S13 | S18

1924

From which,

A cedar, 4 ins. diam., bears N. 11° E., 208 lks.

dist., marked BT. Tree too scrubby for other marks.

A cedar, 5 ins. diam., bears S. $6^{\circ}15'$ E., 114 lks.

dist., marked BT. Tree too scrubby for other marks.
Other accessories impracticable.

Land, broken by sandstone outcroppings with a general
southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Survey of The East Boundary of T. 25 S., R. 21 E.

Chains

North, bet. sees. 7 and 12.

Over rolling bench land through scattering undergrowth and timber.

15.00 Wash, 30 lks. wide, 4 ft. deep, drains SE.

27.20 Draw, 20 ft. deep, drains SW.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S12	S7
1924	

From which,

A cedar, 4 ins. diam., bears N. $35^{\circ}45'$ E., 80 lks. dist., marked S7 BT.

A cedar, 4 ins. diam., bears N. 20° W., 66 lks. dist., marked S12 BT.

43.00 Top of sandstone butte, 30 ft. high, bears W., 5.00 chs.

58.80 Sandstone spur, 30 ft. high, projects W.

62.70 The S. rim of sandstone gulch, bears E. and W.

66.00 Bottom of sandstone gulch, 40 ft. deep, drains W.

69.30 Sandstone spur, 50 ft. high, projects W.

76.60 Draw, 30 ft. deep, drains SW.

80.00 Point for the cor. of secs. 1, 6, 7 and 12, falls on steep W. slope of sandstone ledge, where a permanent cor. can not be set.

80.78 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for witness cor. to the cor. of secs. 1, 6, 7 and 12, with brass cap marked.

T25S	
R21E	R22E
S1	S6
S12	S7
W	C
1924	

From which,

Survey of The East Boundary of T. 25 S., R. 21 E.

Chains

A cedar, 10 ins. diam., bears N. $33^{\circ}15'$ E., 58 lks. dist.
marked ^{WC}/T25S R22E S6 BT.

A cedar, 8 ins. diam., bears S. 21° E., 58 lks. dist.,
marked ^{WC}/T25S R22E S7 BT.

A cedar, 6 ins. diam., bears S. $8^{\circ}30'$ W., 176 lks. dist., marked BT. Tree too scrubby for other marks.

A cedar, 4 ins. diam., bears N. $37^{\circ}15'$ W., 84 lks. dist., marked ^{WC}/T25S R21E S1 BT.

Land, rolling benches, broken in places by sandstone outcroppings with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 1, 6, 7 and 12, which is S., 73 lks. dist. from witness cor. to said secs.

North, bet. secs. 1 and 6.

Over broken sandstone outcroppings through scattering timber and undergrowth.

.73 The witness cor. to the cor. of secs. 1, 6, 7 and 12.
10.00 Ridge, 120 ft. high, bears E. and W.

40.00 On sandstone surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S1 | S6
1924

From which,

A cedar, 6 ins. diam., bears S. $33^{\circ}45'$ E., 61 lks. dist., marked $\frac{1}{2}$ S6 BT.

A cedar, 4 ins. diam., bears N. 59° W., 65 lks. dist., marked $\frac{1}{2}$ S1 BT.

Survey of the East Boundary of T. 25 S., R. 21 E.

Chains

- 41.00 The NW. point of spur, 20 ft. high..
- 44.00 Head of sandstone gulch, 30 ft. deep, drains NW.
- 58.00 Spur, 30 ft. high, projects NW. .
- 72.00 Bottom of gulch, 20 ft. deep, drains W.
- 76.30 The SE. point of spur, 20 ft. high.
- 80.00 On E. slope of spur.
- Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for cor. of Ts. 24 and 25 S., Rs. 21 and 22 E., with brass cap marked.

T24S	
R21E	R22E
S36	S31
S1	S6
T25S	
1924	

From which,

A cedar, 10 ins. diam., bears N. 38° E., 106 lks.

dist., marked T24S R22E S31 BT.

A cedar, 6 ins. diam., bears S. $30^{\circ}30'$ E., 51 lks.

dist., marked T25S R22E S6 BT.

A cedar, 14 ins. diam., bears S. 88° W., 40 lks.

dist., marked T25S R21E S1 BT.

A pinon, 14 ins. diam., bears N. 54° W., 138 lks.

dist., marked T24S R21E S36 BT.

Land, broken by sandstone outcroppings with a general westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing..

Survey of The North Boundary of T. 25 S., R. 21 E., S. 22

Chains

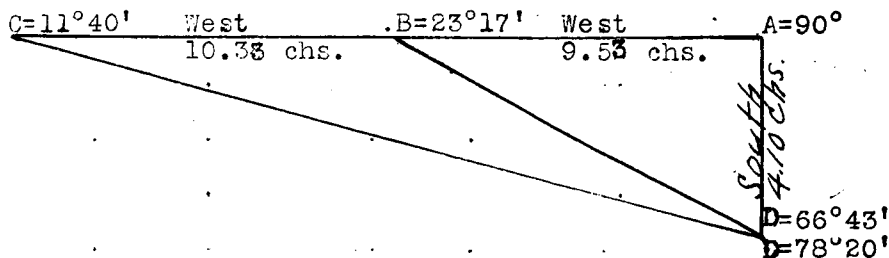
From the cor.. of Ts. 24 and 25 S., Rs. 21. and 22 E., which is heretofore described.

West, bet. secs. 1 and 36, along the N. bdy. of the township.

Over broken sandstone ledges through scattering undergrowth.

2.20 Top of rocky spur, 30 ft. high, projects SE.

29.05 The E. rim of canyon, bears N. and S., over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flags "B" and "C" at different points on line to the W. From flag "A", measure base line, S., 4.10 chs. dist. and erect flag "D". From this point flags "AB" subtend an angle of $66^{\circ}43'$ and flags "AC" subtend angle of $78^{\circ}20'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	29.05 chs.
Distance by 1st triangulation=	9.53 chs.
	<hr/>
	38.58 chs.
Distance by 2nd triangulation=	10.33 chs.
	<hr/>
	48.91 chs.

Approximate topography on triangulated distance.

33.00 Bottom of canyon, 150 ft. deep, drains SW.; ascend abruptly over broken W. breaks of canyon.

38.00 Sandstone spur, 150 ft. above canyon, projects SW.

38.58 To point "B" of triangulation on W. slope of spur.

As the true point for the sec. cor. will fall in E.

breaks of canyon, where the true cor. point can not be reached; at this point, on sandstone surfacerock, mark a cross (X), over which:

Survey of The North Boundary of T. 25 S., R. 21 E.

Chains

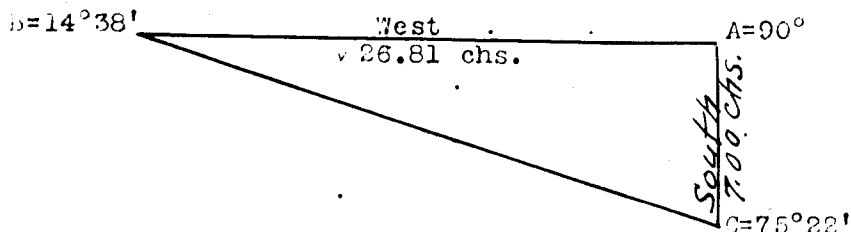
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{2}$ sec. cor. secs. 1 and 36, with brass cap marked.

S36
WC+
S1

1924

Continue by triangulation, giving approximate topography.

- 40.00 True point for the $\frac{1}{2}$ sec. cor. No cor. set.
- 44.00 Bottom of sandstone gulch, 100 ft. deep, drains SW.
- 48.00 Top of W. rim of gulch, 100 ft. above bottom, bears N. 85° E. and S. 85° W.; thence over broken sandstone outcroppings.
- 48.91 To point "C" of triangulation.
- 57.70 Top of sandstone butte, 40 ft. high, bears N., 2.00 chs.
- 60.04 The E. rim of box canyon, bears N. and S., over which I am unable to chain, I therefore determine the distance across canyon by triangulation as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "AC", S., 7.00 chs. dist., from which point, flags "AB" subtend an angle of $75^{\circ}22'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	60.04 chs.
Distance by triangulation=	26.81 chs.
	86.85 chs.
Distance by return measurement=	1.40 chs.
	88.45 chs.

Approximate topography between points of triangulation.

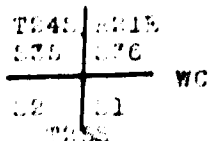
- 70.00 Bottom of box canyon, 120 ft. deep, drains SW.; canyon heads approximately 10.00 chs. NE. of line.
- 80.00 Point for the cor. of secs. 1, 2, 35 and 36, falls in inaccessible N. breaks of canyon. No cor. set.

Survey of The North Boundary of T. 25 E., R. 21 E.

Chains

NE. and SW.

- 85.45 At top of W. rim of canyon, 120 ft. above bottom, bears
Set an iron post, 3 ft. long, 2 in. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the cor. of secs. 1, 2, 35 and 36,
with brass cap marked.



1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post,
marked with a cross (X).

No other suitable locations available.

Land, broken by sandstone ledges and deep box canyons,
with a general westerly exposure and drainage,
soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackberry, and mountain rush.

No timber.

Good grazing.

from the true point for the cor. of secs. 1, 2, 35 and 36,

which is 1.45 chs. E. of witness cor. to said secs.

West, bet. secs. 2 and 35, counting distances from the
true cor. point.

Over broken sandstone outcroppings through scattering
timber and undergrowth.

- 5.45 The witness cor. to the cor. of secs. 1, 2, 35 and 36.
6.85 Point "a" of triangulation made on line bet. secs. 1 and
36.
74.00 Head of sandstone gulch, 90 ft. deep, drains SE.
38.40 Low pass bet. two sandstone buttes, 30 ft. high, bears
N. and S.; buttes are 60 ft. high.
40.00 In head of draw, 20 ft. deep, drains SE., on sandstone
surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large

Survey of the North Boundary of T. 25 S., R. 21 E.

Chains

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S35
—
S2

1924

From which,

A cedar, 14 ins. diam., bears S. 10° E., 36 lks.
dist., marked $\frac{1}{4}$ S2 BT.

A cedar, 8 ins. diam., bears N. $82^{\circ}15'$ W., 85 lks.
dist., marked $\frac{1}{4}$ S35 BT.

54.60 Top of rocky spur, 30 ft. high, projects SE., 1.00 chs.
dist.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
cor. of secs. 2, 3, 34 and 35, with brass cap marked.

T24S | R21E
S34 | S35
—
S3 | S2
T25S

1924

Deposit a sandstone, 6 x 6 x 6 ins., at base of post,
marked with a cross (X).

No other suitable accessories available and soil too
loose for pits.

Land, broken by sandstone outcroppings with a general
southerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate. Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

West, bet. secs. 33 and 34.

Over broken sandstone outcroppings through scattering
timber and undergrowth.

40.00 At base of abrupt ascent, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the

Survey of The North Boundary of T. 25 S., R. 21 E.

Chains

ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

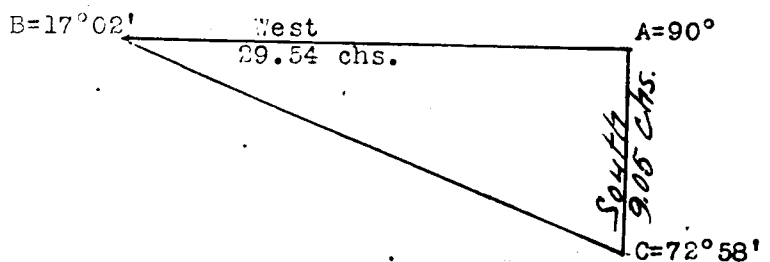
$$\begin{array}{r} S34 \\ + \\ S3 \\ \hline 1924 \end{array}$$

From which,

A cedar, 8 ins. diam., bears N. $72^{\circ}15'$ E., 249 lks.
 dist., marked S34 BT.

A cedar, 4 ins. diam., bears S. $17^{\circ}45'$ E., 147 lks.
 dist., marked S3 BT.

The E. breaks of mesa make chaining to the W. of this
 cor. impracticable, I therefore determine the distance
 to top of mesa by triangulation as follows. Erect flag
 "A" at the $\frac{1}{4}$ sec. cor. and flag "B" on line W. at top
 of mesa. From flag "A", measure base line "AC", S.,
 9.05 chs. dist., from which point, flags "AB" subtend
 an angle of $72^{\circ}58'$. All bearings checked by direct
 reading of the solar and all angles checked by deflection



Distance on line =
 Distance by triangulation =

$$\begin{array}{r} 40.00 \text{ chs.} \\ 29.54 \text{ chs.} \\ \hline 69.54 \text{ chs.} \end{array}$$

69.54 To point of triangulation at top of rim of mesa, 250 ft.
 above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence ascend
 gradually over broken top of mesa.

80.00 On broken top of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in
 the ground to bedrock and in a large mound of stone, for
 cor. of secs. 3, 4, 33 and 34, with brass cap marked.

Survey of The North Boundary of T24S R21E

Chains

1. 00 ... T24S R21E

S33 S34

S4 S3

T25S

1924

From which,

A cedar, 8 ins. diam., bears N. $49^{\circ}30'$ E., 121 lks.
dist., marked T24S R21E S34 BT.

A cedar, 8 ins. diam., bears S. $84^{\circ}30'$ E., 170 lks.
dist., marked T25S R21E S3 BT.

A cedar, 8 ins. diam., bears S. $33^{\circ}15'$ W., 220 lks.
dist., marked T25S R21E S4 BT.

A cedar, 8 ins. diam., bears N. 83° W., 160 lks.
dist., marked T24S R21E S33 BT.

Land, broken by sandstone ledges with a general south-
easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

West, bet. secs. 4 and 33.

Over broken top of mesa through scattering undergrowth
and timber.

20.00 Top of sandstone outcropping, 30 ft. high, bears N. and
S.; thence over sandstone surfacerock.

40.00 At base of sandstone surfacerock, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S33

S4

1924

From which.

A cedar, 8 ins. diam., bears S. $40^{\circ}30'$ E., 45 lks.
dist., marked $\frac{1}{4}$ S4 BT.

Survey of The North Boundary of T. 25 S., R. 21 E.

Chains

A cedar, 10 ins. diam., bears N. 33° W., 90 lks.
dist., marked $\frac{1}{2}$ S33 BT.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 4, 5, 32 and 33,
with brass cap marked.

T24S	R21E
S32	S33

S5	S4
T25S	

1924

From which,

A cedar, 5 ins. diam., bears N. $39^{\circ}45'$ E., 232 lks.
dist., marked T24S R21E S33 BT.

A cedar, 4 ins. diam., bears S. 33° E., 168 lks.
dist., marked T25S R21E S4 BT.

A cedar, 4 ins. diam., bears S. $15^{\circ}15'$ W., 173 lks.
dist., marked T25S R21E S5 BT.

A cedar, 4 ins. diam., bears N. $71^{\circ}15'$ W., 329 lks.
dist., marked T24S R21E S32 BT.

Land, broken top of mesa with a general westerly exposure
and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

West, bet. secs. 5 and 32.

Over broken top of mesa through scattering undergrowth
and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Survey of The North Boundary of T. 25 S., R. 21 E.

Chains

S32

S5
1924

From which,

A cedar, 4 ins. diam., bears S. $31^{\circ}30'$ E., 76 lks.
dist., marked S5 BT.

A cedar, 4 ins. diam., bears N. $32^{\circ}30'$ W., 47 lks.
dist., marked S32 BT.

80.00 On E. rim of box canyon, bears N. and S., on sandstone
surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. of secs. 5, 6, 31 and 32, with
brass cap marked.

T24S	R21E
S31	S32
S6	S5
T25S	

1924

No suitable bearing trees available.

Land, broken by sandstone outcroppings with a general
southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

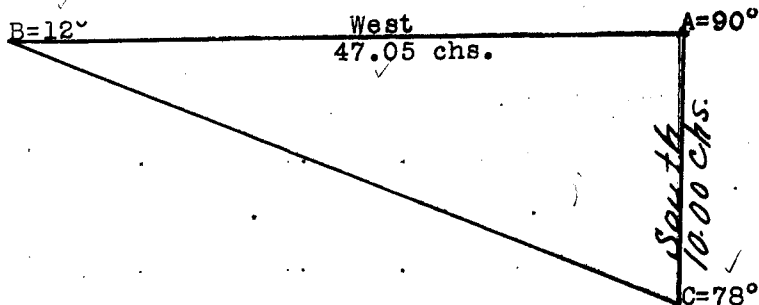
West, bet. secs. 6 and 31.

Over broken sandstone ledges through scattering under-
growth.

The broken E. breaks of box canyon make chaining to the
W. of this cor. impracticable, I therefore determine the
distance by triangulation as follows. Erect flag "A"
at the sec. cor. and flag "B" at top of W. rim of
canyon. From flag "A" measure base line "AC", S., 10.00
chs. dist. from which point, flags "AB" subtend an
angle of 78° . All bearings checked by direct reading of
the solar and all angles checked by deflection.

Survey of the North Boundary of T. 25 S., R. 21 E.

Chains



Distance by triangulation= 47.05 chs.

Approximate topography on triangulated distance.

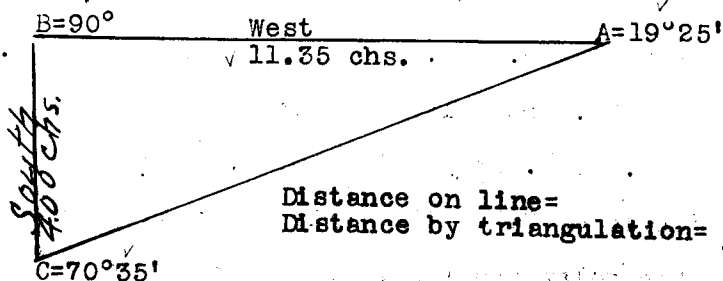
- 18.00 Bottom of canyon, 250 ft. below cor., drains SE.; ascend broken W. breaks of cor.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. falls in broken W. breaks of canyon where cor. can not be set.
- 47.05 To point of triangulation at top of W. breaks of canyon, 250 ft. above bottom, bears NW. and SE. At this point, on sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 6 and 31, with brass cap marked.

S31
 $\frac{1}{4}$ WC
 S6

1924

Thence over broken sandstone outcroppings.

- 59.80 The E. rim of sandstone gulch, bears NW. and SE., over which I am unable to chain, I therefore determine the distance across gulch by triangulation as follows. Erect flag "A" at this point and flag "B" on line W. at top of W. rim of gulch. From flag "B", measure base line "BC", S., 4.00 chs. dist., from which point, flags "AB" subtend an angle of $70^{\circ}35'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line= 59.80 ch
 Distance by triangulation= 11.35 ch
 71.15 ch

Survey of The North Boundary of T. 25 S., R. 21 E.

Chains

Approximate distances to topography on triangulation.

65.00 Bottom of gulch, 80 ft. deep, drains SE.; ascend broken W. breaks of gulch.

71.15 To point of triangulation at top of W. breaks of gulch, bears NW. and SE.

80.20 Intersect the W. bdy. of the township, 46 lks. N. of the temp. cor. left for Ts. 24 and 25 S., Rs. 20 and 21 E. At point of intersection, on sandstone surface-rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a large mound of stone, for cor. of Ts. 24 and 25 S., Rs. 20 and 21 E., with brass cap marked.

T24S	
R20E	R21E
S36	S31
S1	S6
T25S	
1924	

From which,

A cedar, 4 ins. diam., bears N. $83^{\circ}30'$ E., 61 lks. dist., marked T24S R21E S31 BT.

A cedar, 5 ins. diam., bears S. $15^{\circ}30'$ E., 23 lks. dist., marked T25S R21E S6 BT.

A cedar, 5 ins. diam., bears S. $71^{\circ}30'$ W., 62 lks. dist., marked T25S R20E S1 BT.

A cedar, 6 ins. diam., bears N. $7^{\circ}45'$ W., 65 lks. dist., marked T24S R20E S36 BT.

No trace of the original cor. of Ts. 24 and 25 S., Rs. 20 and 21 E., was found.

Land, broken by deep canyons and gulches, with a general southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Timber, a few scattering scrub cedar and pinon on W. portion of mile.

Undergrowth, scattering blackbrush and mountain rush.

Fair grazing.

Ch. line

From the standard cor. of secs. 33 and 34, heretofore described.

N. $0^{\circ}02'$ E., bet. secs. 33 and 34.

Over broken top of mesa through scattering timber and undergrowth.

40.00 In sandstone surface rock, mark a cross (X), over which set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S33 | S34

1924

From which,

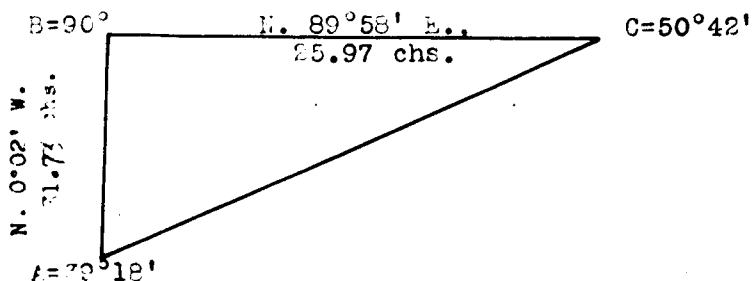
A cedar, 4 ins. diam., bears N. 30° E., 93 lks.

dist., marked S34 BT.

A cedar, 8 ins. diam., bears S. 30° W., 216 lks.

dist., marked S33 BT.

48.17 Top of abrupt descent over broken NE. breaks of mesa, bears NW. and SE., over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. $89^{\circ}58'$ E., 25.97 chs. dist., from which point, flags "AB" subtend an angle of $50^{\circ}42'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation=
Distance on line=

31,73 chs.
48.27 chs.
80.00 chs.

Subdivision of T. 25 S., R. 21 E.

Chains

80.00 To point of triangulation on broken NE. slope of mesa,
320 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the
ground, for cor. of secs. 27, 28, 33 and 34, with brass
cap marked.

T25S	R21E
S28	S27
S33	S34

1924

From which,

A cedar, 8 ins. diam., bears N. 76° E., 76 lks.
dist., marked T25S R21E S27 BT.

A cedar, 8 ins. diam., bears S. $70^{\circ}30'$ E., 90 lks.
dist., marked T25S R21E S34 BT.

A cedar, 6 ins. diam., bears N. $12^{\circ}30'$ W., 40 lks.
dist., marked T25S R21E S28 BT.

No other suitable accessories available and soil too
loose for pits.

Land, broken by sandstone ledges with a general north-
easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, bet. secs. 27 and 34.

Over broken land through scattering undergrowth and timber.

10.00 Base of mesa, 180 ft. below cor., bears NW. and SE.;
thence over rolling bottom land.

15.00 Enter dense small cottonwood timber, bears N. and S.

25.97 The mean high water mark on the right bank of the Colorado
River, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for meander cor. of secs. 27 and 34, with brass
cap marked.

Subdivision of T. 25 S., R. 21 E.

Chains

T25S

R21E

S27

MC

S34

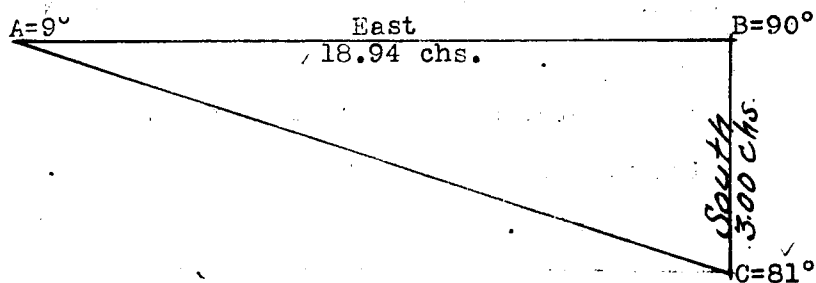
1924

From which,

A cottonwood, 4 ins. diam., bears N. 4° E., 288 lks. dist., marked T25S R21E S27 MC BT.

No other suitable accessories available and soil too loose for pits.

To determine the distance and course from this meander cor. to the meander cor. of secs. 27 and 34, on left bank of river, which is an iron post, 1 in. diam., firmly set, with brass cap, marked and witnessed as described by the surveyor general, I triangulate as follows. Erect flag "A" at the meander cor. on right bank of river and flag "B" on line E. across river. From flag "B", measure base line "BC", S., 3.00 chs. dist., from which point, flags "AB" subtend an angle of 81° . All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 18.94 chs., plus 3.80 chs.

by direct measurement = 22.74 chs. to a point 10 lks.

S. of the meander cor. of secs. 27 and 34 on left bank of river.

The course bet. the meander cor. of the left bank of river and the meander cor. on right bank of river, therefore is, N. $89^{\circ}45'$ E., and the distance is 22.74 chs.

Land, broken on W. portion and rolling on E. portion, with a general northeasterly exposure and drainage. Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Chains

Undergrowth, scattering blackbrush.

Timber, scattering scrub cedar, pinon, and cottonwood.

Fair grazing.

From the cor. of secs. 27, 28, 33 and 34.

N. 0°02' W., bet. secs. 27 and 28.

Descend abruptly over broken NE. slope of mesa through scattering undergrowth.

15.00 Base of mesa, 190 ft. below cor., bears NW. and SE.;
thence over rolling bottom of large open draw.

40.00 On rolling land..

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S28	S27
-----	-----

1924

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

55.60 Wash, 200 lks. wide, 2 ft. deep, drains SE.

64.00 Telephone line, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

65.40 State Highway, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

70.00 Base of mesa, bears NW. and SE.; thence ascend abruptly over broken sandstone ledges.

80.00 On broken SW. slope of mesa, 320 ft. above base.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 21, 22, 27 and 28, with brass cap marked.

T25S	R21E
S21	S22
S28	S27

1924

From which,

A point on sandstone ledge, marked X B0 S22, bears

N. 89° E., 13 lks. dist.

No other suitable accessories available.

Subdivision of T. 25 S., R. 21 E.

Chains

Land, broken by sandstone ledges with a general north-easterly and southwesterly exposure and a general southeasterly drainage.

Soil, shallow sandy loam mixed with a loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

No timber.

Fair grazing.

East, bet. secs. 22 and 27.

Descend gradually over broken S. slope of mesa, through scattering undergrowth.

- 40.00 On broken S. slope of mesa, 100 ft. below sec. cor.; on sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S22

S27

1924

- 55.00 Trail, bears N. and S.

- 65.00 Rocky spur, 20 ft. high, projects S.; continue gradual descent over broken S. slope of mesa.

- 70.00 Stream of good water, 2 lks. wide, 1 in. deep, in Court House Wash, 100 lks. wide, 10 ft. deep, 130 ft. below the $\frac{1}{2}$ sec. cor., drains SW.; thence ascend gradually, over rolling bottom of wash.

- 76.00 Leave rolling bottom of wash, bears NE. and SW.; thence ascend abruptly over broken land.

- 80.00 At the base of ledge, bears NE. and SW., 30 ft. above wash.

Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for cor. of secs. 22, 23, 26 and 27, with brass cap marked.

Chains

T25S	R21E
S22	S23
S27	S26
1924	

From which,

A point on face of ledge, marked X B0, bears East,
30 lks. dist.

No other suitable accessories available.

Land, broken by sandstone ledges with a general south-
erly exposure and a southwesterly drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

No timber.

Poor grazing.

South, bet. secs. 26 and 27.

Over broken land through scattering undergrowth.

As a high sandstone point makes it impracticable to
chain S. from this cor. I offset as follows, giving
approximate topography on true line.

West, 8.40 chs. thence, South on offset line.

9.00 Top of sandstone point, 250 ft. high, projects SW.

15.00 Offset E., 8.40 chs. to true line at base of point, project-
ing from NE. At this point, telephone line, bears

NW. to Thompson, Utah, and SE. to Moab, Utah.
Then south on true line.

15.50 State Highway, bears NW. to Thompson, Utah, and SE. to
Moab, Utah.

18.95 The mean high water mark on the right bank of the
Colorado, River, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for meander cor. of secs. 26 and 27, with
brass cap marked.

Subdivision of T. 25 S., R. 21 E.

Chains

T25S	R21E
S27	S26

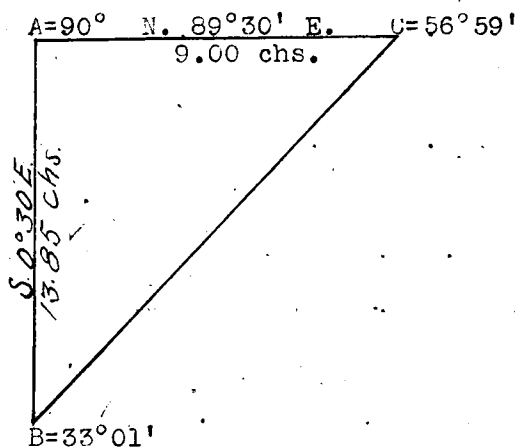
MC

1924

From which,

A point on sandstone ledge, marked X B0, bears N., 39° 5' lks. dist.

To determine the distance and course to the meander cor. on left bank of river, which is an iron post, 1 in. diam., set, marked and witnessed as described by the surveyor general, I proceed by triangulation as follows. Erect flag "A" at the meander cor. of secs. 26 and 27, on right bank of river, and flag "B", S. 0°30' E., at the meander cor. of secs. 26 and 27, on left bank of river. From flag "A", measure base line "AC", N. 89°30' E., 9.00 chs. dist., from which point, flags "AB" subtend an angle of 56°59'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 13.85 chs.

The course of the line bet. the meander cor. on right bank of river and the meander cor. on left bank of river, therefore is S. 0°30' E., and the distance is 13.85 chs.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Chains

Undergrowth, scattering blackbrush; scattering willows

on bank of the Colorado River.

No timber.

Fair grazing.

From the cor. of secs. 22, 23, 26 and 27.

East, bet. secs. 23 and 26.

Ascend abruptly over broken sandstone ledges through.

scattering undergrowth and timber.

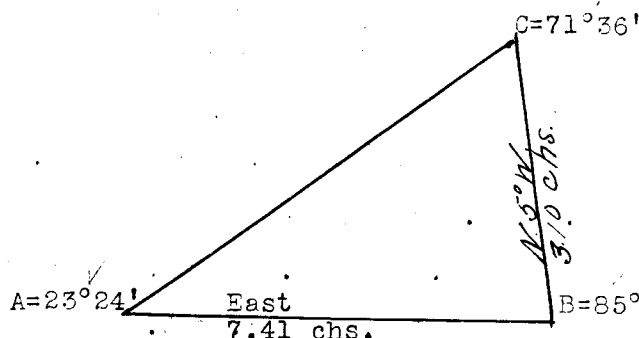
4.01 Base of impassable sandstone ledge, bears NE. and SW.,
350 ft. high, over which I am unable to chain, I there-

fore determine the distance to top of ledge by

triangulation as follows. Erect flag "A" at the 4.01

chs. point and flag "B" on line E. at top of ledge.

From flag "B", measure base line "BC", N. 5°00' W.,
3.10 chs. dist., from which point, flags "AB" subtend an
angle of 71°36'. All bearings checked by direct reading
of the solar and all angles checked by deflection.



Distance on line=

4.01 chs.

Distance by triangulation=

7.41 chs.

11.42 chs.

11.42 Top point of triangulation at top of ledge, 510 ft.

above cor., bears NE. and SW.; thence over broken
surfacerock.

40.00 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23

S26

Subdivision of T. 25 S., R. 21 E.

Chains

From which,

A cedar, 10 ins. diam., bears S. $47^{\circ}30'$ E., 105 lks.
dist., marked S26 BT.

A cedar, 6 ins. diam., bears E. 10° W., 59 lks.
dist., marked S23 BT.

50.00 Leave timber, bears NE. and SW.; thence descend gradually
over broken S. slope.

79.36 Top of W. breaks of the Colorado River, 340 ft. below top
of descent, bears N. and S. As the true point for the
sec. cor. of secs. 23, 24, 25 and 26, will fall in
inaccessible ledges where it is impossible to reach
cor. point, at this point, on sandstone surfacerock,
mark a cross (X), over which:

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for witness cor. to the cor. of secs.
23, 24, 25 and 26, with brass cap marked.

T25S	R21E	
S23	S24	
S26	S25	WC

1924

From which,

A point on sandstone ledge, marked X B0, bears W.,
4 lks. dist.

80.00 Point for the cor. of secs. 23, 24, 25 and 26, falls in
inaccessible ledges. No cor. set.

Land, broken by sandstone ledges with a general south-
exposure and drainage.

Soil, shallow sandy loam in the depressions of the
surfacerock; 3rd rate.

Under growth, scattering blackbrush.

Timber, scattering scrub cedar and pinon on W. portion
of mile.

Poor grazing.

Chains

South, bet. secs. 25 and 26.

Commence at the witness cor. to the cor. of secs. 23, 24, 25 and 26, which is 14 lks. W. of true point for said cor. and run on offset line.

Descend abruptly over broken sandstone ledges through scattering undergrowth.

12.56 Offset E. 14 lks. to true line to point on the right bank of the Colorado River, at mean high, water mark, 450 ft. below witness cor. to the cor. of secs. 23, 24, 25 and 26.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. of secs. 25 and 26, with brass cap marked.

T25S	R21E
S26	S25

M C

1924

Deposit a sandstone, 6 x 5 x 5 ins., at base of post, marked with a cross (X).

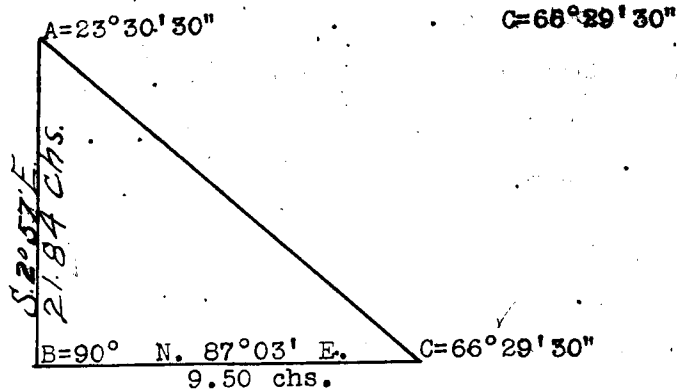
No other suitable accessories available and soil too loose for pits.

From this cor., the meander cor. of secs. 25 and 26, on left bank of river, which is an iron post, 1 in. diam., firmly set, marked and witnessed as described by the surveyor general, bears S. $2^{\circ}57'$ E. To determine the distance from the meander cor. of right bank of river and the meander cor. on left bank of river, I triangulate as follows. Erect flag "A" at the meander cor. on right bank of river and flag "B" at meander cor. on left bank of river. From flag "B", measure base line "BC", N. $87^{\circ}03'$ E., 9.50 chs. dist., from which point flags "AB" subtend an angle of $66^{\circ}29'30''$. All bearings checked by direct reading of the solar and all angles checked by deflection.

Subdivision of T. 25 S., R. 21 E.

Chains

Corners



Distance by triangulation= 21.84 chs. or distance from meander cor. of secs. 25 and 26, on right bank of river and meander cor. of secs. 25 and 26, on left bank of river.

Land, broken by sandstone ledges with a general southerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

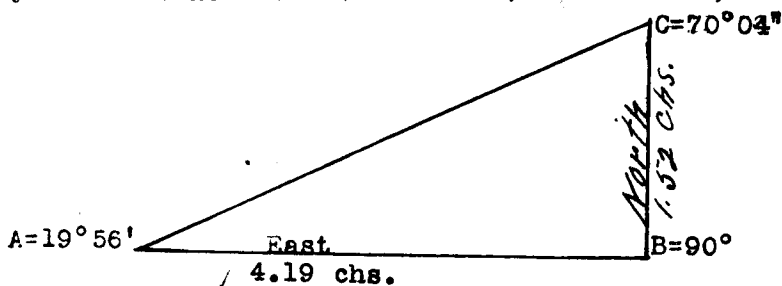
Undergrowth, scattering blackbrush.

No timber.

Fair grazing.

East, bet. secs. 24 and 25, from the witness cor. to the cor. of secs. 23, 24, 25 and 26, which is 14 lks. W. of true point for said secs.

Descend abruptly over inaccessible ledges through scattering undergrowth. To determine the distance to base of ledge I triangulate as follows. Erect flag "A" at the witness cor. and flag "B" on line E. From flag "B", measure base line "BC", N., 1.52 chs. dist., from which point, flag "A" subtend an angle of 70°04'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation= 4.19 chs.

Chains

4.05 To point of triangulation, counting distance from true point for cor. of secs. 23, 24, 25 and 26.

At this point, which is the mean high water mark of the right bank of the Colorado River, bears N. and S., 450 ft. below top of W. breaks.

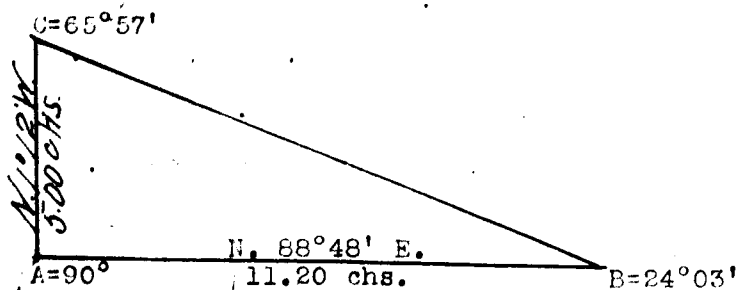
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for meander cor. of secs. 25 and 26, with brass cap marked.

T25S	
R21E	
S24	
MC	
S25	
1924	

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available, and soil too loose for pits.

From this cor., the meander cor. of secs. 24 and 25, on the left bank of river, bears N. $88^{\circ}48'$ E., 11.20 chs. dist. Cor. is an iron post, 1 in. diam., firmly set, with brass cap marked and witnessed as described by the surveyor general. To determine the distance from meander cor. on right bank of river and the meander cor. on left bank of river, I triangulate as follows. Erect flag "A" at meander cor. of right bank of river and flag "B" at meander cor. of left bank of river. From flag "A", measure base line N. $1^{\circ}12'$ W., 5.00 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of $65^{\circ}57'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 11.20 chs. or distance bet. meanders cors. on right and left bank of river.

Subdivision of T. 25 S., R. 21 E.

Chains

Arise

Land, broken by sandstone ledge with a general easterly exposure and drainage.

Soil, shallow sandy loam on extrem E. portion of mile;

3rd rate.

Undergrowth, scattering blackbrush.

No timber.

Poor grazing.

From the witness cor. to the cor. of secs. 23, 24, 25 and 26, which is 14 lks. W. of true point for said cor. N. 0°01' W., an offset line bet. secs. 23 and 24.

Over broken sandstone outcroppings through scattering undergrowth and timber.

10.00 Offset E., 14 lks. to true line, thence on true line.

47.00 In sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S23	S24
1924	

and which,

A cedar, 4 ins. diam., bears S. 77°30' E., 62 lks. dist., marked S24 BT.

A cedar, 4 ins. diam., bears S. 57° W., 90 lks. dist., marked S23 BT.

8.00 Point for the cor. of secs. 13, 14, 23 and 24, falls on steep E. slope of sandstone ledge where it is impossible to set cor.

80.00 In broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. of secs. 13, 14, 23 and 24, with brass cap marked.

T25S	R21E
S14	S13
S23	S24
W C	
1924	

Subdivision of T. 25 S., R. 21 E.

Chains

From which,

A cedar, 8 ins. diam., bears N. 35° E., 119 lks.

dist., marked WC T25S R21E S13 BT.

A cedar, 4 ins. diam., bears S. 75° E., 123 lks.

dist., marked WC T25S R21E S24 BT.

A cedar, 6 ins. diam., bears N. 45° W., 19 lks.

dist., marked WC T25S R21E S14 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken by sandstone ledges with a general easterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the sandstone surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 13, 14, 23 and 24.

East, on random line bet. secs. 13 and 24.

40.00 Set temp. sec. cor.

80.50 Intersect the E. bdy. of the township, 19 lks. S. of the true point for cor. of secs. 13, 18, 19 and 24, which is 2.15 chs. S. of witness cor. to said secs. as heretofore described.

Thence,

From the true point for cor. secs. 13, 18, 19 and 24.

S. 89°39' W., on true line bet. secs. 13 and 24.

Over broken sandstone surfacerock through scattering undergrowth.

40.25 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for sec. cor., with brass cap marked.

S13

S24

1924

Subdivision of T. 25 S., R. 21 E., S. 12.

Chains

From which,

A point on ledge, marked X BO S24, bears S. 33° E.,
37 lks. dist.

80.50 The true point for the cor. of secs. 13, 14, 23 and 24,
which is 20 lks. S. 0°01' E. of witness cor. to said
secs.

Land, broken sandstone surfacerock, with a general
southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattering blackbrush.

No timber.

Poor grazing.

From the true point for the cor. of secs. 13, 14, 23 and
24.

N. 0°01' W., bet. secs. 13 and 14.

Over broken sandstone surfacerock through scattering
undergrowth and timber.

20 The witness cor. to the cor. of secs. 13, 14, 23 and 24.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls on steep E. slope of
sandstone ledge where it is impracticable to set a
permanent cor.

40.20 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the $\frac{1}{4}$ sec. cor. secs. 13 and 14, with
brass cap marked.

S14/S13
W C

1924

From which,

A cedar, 10 ins. diam., bears N. 36°30' E., 102 lks.
dist., marked WC $\frac{1}{4}$ S13 BT.

A cedar, 4 ins. diam., bears N. 21°30' W., 95 lks.
dist., marked WC $\frac{1}{4}$ S14 BT.

Subdivision of T. 25 S., R. 21 E.

Chains

65.80 Top of sandstone outcropping, 30 ft. high, bears NE. and SW.

79.00 Wash, 40 lks. wide, 5 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which. Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 11, 12, 13 and 14, with brass cap marked.

T25S	R21E
S11	S12
S14	S13
1924	

from which,

A cedar, 4 ins. diam., bears S. $66^{\circ}30'$ E., 10 lks. dist., marked T25S R21E S13 CT.

A cedar, 4 ins. diam., bears N. 9° W., 103 lks. dist., marked T25S R21E S11 CT.

No other suitable accessories available.

Land, broken surfacerock with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. $89^{\circ}39'$ E., on random line bet. secs. 12 and 13.

40.00 Set temp. sec. cor.

80.42 Intersect the E. bdy. of the township, 12 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is heretofore described.

Thence,

S. $89^{\circ}44'$ W., on true line bet. secs. 12 and 13.

Over broken surfacerock through scattering undergrowth and timber.

40.21 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large

Subdivision of T. 25 S., R. 21 E.

Chains

mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S12

 $\frac{1}{4}$

S13

1924

From which,

A cedar, 4 ins. diam., bears N. 27° E. 130 lks.

dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 8 ins. diam., bears S. $82\frac{1}{4}^{\circ}$ W., 150 lks.

dist., marked $\frac{1}{4}$ S13 BT.

61.20 Wash, 50 lks. wide, 7 ft. deep, drains SW.

80.43 The cor. of secs. 11, 12, 13 and 14.

Land, broken surfacerock with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

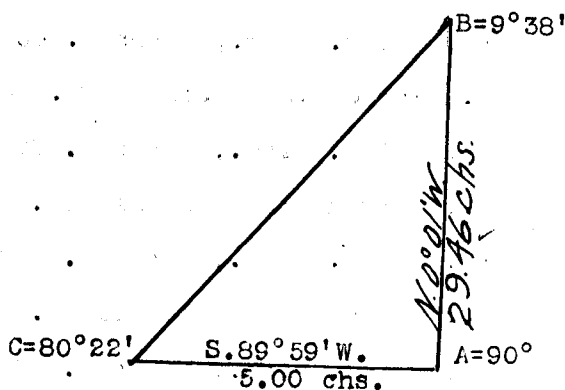
Fair grazing.

N. $0^{\circ}01'$ W., bet. secs. 11 and 12.

Over broken surfacerock through scattering undergrowth and timber.

6.93 The S. rim of box canyon, bears E. and W. Perpendicular sandstone ledges make it impossible to chain across canyon, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. across canyon. From flag "A" measure base line A"C", S. $89^{\circ}59'$ W., 5.00 chs. dist., from which point, flags "AB" subtend an angle of $80^{\circ}22'$. No longer base line could be obtained on account of the broken breaks of canyon. All bearings checked by direct reading of the solar and all angles checked by deflection.

Chains



Distance on line= 6.93 chs.
 Distance by triangulation= 29.46 chs.
 36.39 chs.

Approximate topography bet. points of triangulation.

- 20.00 Bottom of box canyon, 220 ft. deep, drains SW.; ascend over broken N. breaks of canyon.
- 36.39 To point of triangulation at top of N. rim of canyon, 220 ft. above bottom, bears NE. and SW.; thence over broken surfacerock.
- 40.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone; for sec. cor., with brass cap marked.

S11/S12

1924

From which,

A cedar, 4 ins. diam., bears S. 88°30' E., 61 lks. dist., marked S12 BT.

A cedar, 5 ins. diam., bears S. 35° W., 22 lks. dist., marked S11 BT.

- 59.80 Sandstone ridge, 50 ft. high, bears NE. and SW.
- 80.00 On sandstone surfacerock; mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap marked.

T25S	R21E
S2	S1
S11	S12

1924

From which,

Chains

- A cedar, 4 ins. diam., bears N. 60°45' E., 200
dist., marked T25S R21E S1 BT.
- A cedar, 4 ins. diam., bears S. 72° E., 185 lks.
dist., marked T25S R21E S12 BT.
- A cedar, 4 ins. diam., bears S. 61°15' W., 134 lks.
dist., marked T25S R21E S11 BT.
- A cedar, 5 ins. diam., bears N. 74° W., 80 lks. dist.
marked T25S R21E S2 BT.

Land, broken by sandstone ledges with a general south-
westerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the sand-
stone surfacerock.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. 89°44' E., on random line bet. secs. 1 and 12.

40.00 Set temp. sec. cor.

80.22 Intersect the S. bdy. of the township, at the true point
for cor. of secs. 1, 6, 7 and 12, which is S., 73 lks.
from witness cor. to said secs. and which is heretofore
described.

Thence,

from the true point for cor. of secs. 1, 6, 7 and 12.

S. 89°44' W., on true line bet. secs. 1 and 12.

Over broken sandstone outcropping through scattering
undergrowth and timber.

18.40 Top of sandstone outcropping, 20 ft. high, bears NE. and
SW.

40.11 On sandstone surfacerock, mark a cross (X), over which
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for sec. cor., with brass cap marked

S1 /
+-----
S12

Chains

From which,

A cedar, 4 ins. diam., bears S. $36^{\circ}45'$ W., 174 lks.
dist., marked $\frac{1}{4}$ S12 BT.

A cedar, 4 ins. diam., bears N. $32^{\circ}30'$ W., 230 lks.
dist., marked $\frac{1}{4}$ S1 BT.

80.22 The cor. of secs. 1, 2, 11 and 12.

Land, broken sandstone surfacerock, with a general south-
westerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the
surfacerock.

Undergrowth, scattering blackbrush and mountain rush.

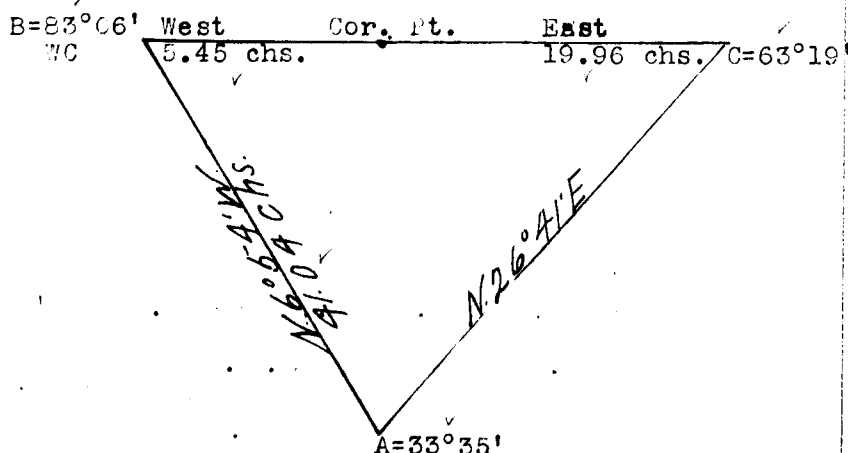
Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $0^{\circ}01'$ W., on random line bet. secs. 1 and 2.

37.53 Set temp. witness cor. to the sec. cor.

39.20 The perpendicular walls of a box canyon and broken
sandstone ledge make chaining to the l. of this point
impracticable, I therefore determine the distance and
course to the true point for cor. of secs. 1, 2, 35
and 36, on the l. bdy. of the township, by triangulation
as follows. Designate the 39.20 chs. point "A" and
from this point, the witness cor. to the cor. of secs.
1, 2, 35 and 36, which I designate as "B", bears
N. $6^{\circ}54'$ W., and a flag left 25.41 chs. E. of this
cor. which I designate as "C", bears N. $26^{\circ}41'$ E. All
bearings checked by direct reading of the solar and all
angles checked by deflection.



Chains

Distance by triangulation = 41.04 chs. or a northing of 40.74 chs. to:

79.94 Point on N. bdy. of the township, 52 lks. W. of the true point for cor. of secs. 1, 2, 35 and 36, which is E., 5.45 chs. dist. from witness cor. to said secs. which is heretofore described. The bearing of this line, therefore is N. $0^{\circ}21'$ E., and the distance is 79.94 chs.

Thence, S. $0^{\circ}21'$ W., on true line bet. secs. 1 and 2, counting distances from true point for cor. of secs. 1, 2, 35 and 36, by triangulation over broken ledges through scattering undergrowth and timber, giving approximate distance to topography on true line.

2.50 Rim of box canyon, bears NE. and SW.

10.00 Bottom of wash, 30 lks. wide, 10 ft. deep, in bottom of canyon, 150 ft. deep, drains SW.; ascend abruptly over broken S. breaks of canyon.

39.94 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, falls in broken sandstone breaks of canyon, where it is impracticable to reach cor. point.

40.74 To point "A" of triangulation, near top of S. breaks of canyon.

42.41 At top of S. breaks of canyon, 160 ft. above bottom, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 1 and 2, with brass cap marked.

WC
S2 | S1
1924

From which,

A cedar, 6 ins. diam., bears S. $44^{\circ}15'$ E., 24 lks. dist., marked WC & ST BT.

Subdivision of T. 25 S., R. 21 E.

Chains

A cedar, 5 ins. diam., bears N. $86^{\circ}15'$ W., 57 lks. dist., marked WC $\frac{1}{4}$ S2 BT.

58.00 Top of sandstone ridge, 80 ft. high, bears E. and W.

72.50 Bottom of sandstone gulch, 150 deep, drains SW.

79.94 The cor. secs. 1, 2, 11 and 12, 60 ft. above bottom of gulch.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth scattered blackbrush and mountain rush.

Timber, scattering scrub cedar and Pinon. Fair grazing.

From the cor. secs. 22, 23, 26 and 27.

N. $0^{\circ}01'$ W., bet. secs. 22 and 23.

Over broken sandstone ledges through scattering undergrowth.

As the perpendicular walls of Court House Wash, which are approximately 150 ft. high, make chaining to the N. of this cor. on line impracticable, I run on traverse line as follows.

N. 21° E., 14.75 chs.
 ✓ N. 41° W., 11.40 chs.
 North, 18.13 chs.
 East, 2.18 chs. to true line.

Approximate distances to topography on true line.

5.00 Bottom of Court House Wash, drains SW.

13.00 Sandstone spur, 150 ft. high, projects E., 5.00 chs.

17.50 Bottom of Court House Wash, drains SE.

39.50 Bottom of Court House Wash, drains SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls on face of inaccessible ledge.

40.50 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 25 S., R. 21 E.

Chains

$\frac{1}{4}$	
S22	S23
W	C

1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

As the perpendicular W. rim of Court House Wash makes
chaining to the N. of this cor. impracticable, I
continue on traverse line as follows.

N. $72^{\circ}30'$ E., 18.95 chs.

North, 3.06 chs.

N. 16° W., 7.73 chs.

N. 13° E., 17.74 chs.

North, 6.00 chs.

West, 19.93 chs. to point for the cor. secs. 14, 15,

22 and 23. Note: The East, 12.70 chs. of this distance

was determined by triangulation as hereinafter described.

Approximate distances to topography on true line, counting

from the cor. secs. 22, 23, 26 and 27.

50.00 Top of perpendicular wall on W. side of Court House Wash,
150 ft. high, bears NE. and SW.; ascend over broken
sandstone breaks on W. side of wash. Enter scattering
timber, bears NE. and SW.

80.00 At top of W. breaks of Court House Wash, 220 ft. above top
of wall on west side of wash, bears N. and S.; on
surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for cor. secs. 14, 15, 22 and 23, with
brass cap marked.

T25S	R21E
S15	S14
S22	S23

1924

From which,

A pinon, 6 ins. diam., bears N. 55° E., 88 lks.
dist., marked T25S R21E S14 BT.

A pinon, 8 ins. diam., bears S. 81° W., 95 lks.
dist., marked T25S R21E S22 BT.

A pinon, 10 ins. diam., bears N. 65° W., 165 lks.
dist., marked T25S R21E S15 BT.

Subdivision of T. 25 S., R. 21 E.

Chains No SE. bearing tree available.

Land, broken by sandstone ledges with a general easterly and westerly exposure and a general southerly drainage.

Soil, shallow sandy loam in the depressions of the sandstone; 3rd rate.

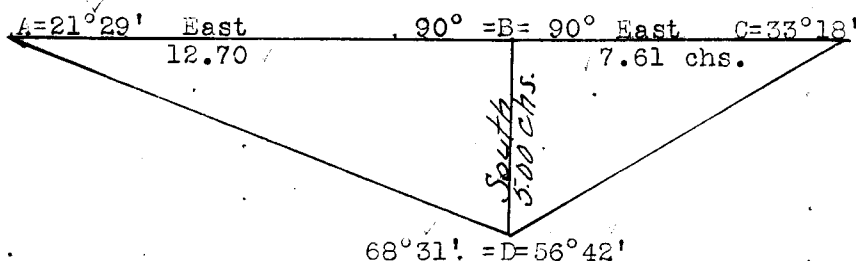
Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon on E. portion of mile.

Poor grazing.

East, on random line bet. secs. 14 and 23.

7.23 The inaccessible breaks of Court House Wash make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flags "B" and "C" on line to the E. From flag "B", measure base line "BD", S., 5.00 chs. dist. from which point, flags "AB" subtend an angle of $68^{\circ}31'$, and flags "BC" subtend an angle of $56^{\circ}42'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	7.23 chs.
Distance by triangulation =	20.31 chs.
	<u>27.54 chs.</u>

27.54 To point of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.14 Intersect the true point for the cor. of secs. 13, 14, 23 and 24, with is 20 lks. S. $0^{\circ}01'$ E. of witness cor. to said secs.

Thence, from the true point for the sec. cor.

West, on true line bet. secs. 14 and 23.

Over broken sandstone ledges through scattering undergrowth and timber.

Subdivision of T. 25 S., R. 21 E.

Chains

15.50 Wash, 50 lks. wide, 10 ft. deep, drains N.

21.60 Top of rocky spur, 50 ft. high, projects N.

40.07 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S14

S23

1924

From which,

A cedar, 4 ins. diam., bears N. $58^{\circ}15'$ E., 20 lks. dist., marked $\frac{1}{2}$ S14 BT.

A cedar, 10 ins. diam., bears S. $67^{\circ}45'$ E., 69 lks. dist., marked $\frac{1}{2}$ S23 BT.

43.30 Top of gradual descent, bears NE. and SW.

52.60 To point "C" of triangulation at top of abrupt descent over broken E. breaks of Court House Wash, bears NE. and SW. Thence by triangulation.

60.21 To point "B" of triangulation at top of E. wall of Court House Wash, 340 ft. below the $\frac{1}{2}$ sec. cor., bears NE. & S.

62.00 Bottom of wash, 150 ft. below top of wall, drains SW.; ascend broken W. breaks of wash.

72.91 To point "A" of triangulation.

80.14 The cor. of secs. 14, 15, 22 and 23, 250 ft. above bottom of Court House Wash.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor, grazing.

N. 0° 01' W., bet. secs. 14 and 15.

Over broken surfacerock through scattering undergrowth and timber.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S15	S14
1924	

From which,

A cedar, 8 ins. diam., bears N. 20° E., 83 lks. dist., marked $\frac{1}{4}$ S14 BT.

A cedar, 10 ins. diam., bears S. 15° W., 10 lks. dist., marked $\frac{1}{4}$ S15 BT.

62.00 Wash, 50 lks. wide, 10 ft. deep, drains E.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked.

T25S	R21E
S10	S11
S15	S14
1924	

From which,

A cedar, 10 ins. diam., bears N. 3° 30' E., 270 lks. dist., marked T25S R21E S11 BT.

A cedar, 4 ins. diam., bears S. 24° 30' E., 319 lks. dist., marked T25S R21E S14 BT.

A cedar, 8 ins. diam., bears S. 12° 30' W., 130 lks. dist., marked T25S R21E S15 BT.

No other suitable accessories available.

Land, broken by ledges with a general easterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain-rush.

Timber, scattering cedar and pinon. Poor grazing.

Subdivision of T. 25 S., R. 21 E.

Chains

East, on random line bet. secs. 11 and 14.

28.59 To point at base of impassable spur. To pass spur, I offset as follows.

South, 5.90 chs.

East, 11.41 chs.

North, 2.45 chs. to

40.00 Point 3.45 chs. S. of random line. Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

Thence, continue on offset line as follows.

East, 11.00 chs.

North, 3.45 chs. to

51.00 Point on random line. Thence, East, on random line.

80.06 Intersect the N. and S. line, 9 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 11 and 14.

Over broken ledges through scattering undergrowth.

10.00 The E. rim of sandstone gulch, bears NE. and SW.

20.00 Bottom of sandstone gulch, 200 ft. deep, drains SW.

29.06 To point of offset at top of W. rim of gulch and base of impassable sandstone spur, 200 ft. above bottom, of gulch, bears NE. and SW. Thence by offset as follows.
South, 3.45 chs.

N. $89^{\circ}56'$ W., 10.97 chs. to

40.03 At base of S. point of impassable spur.

It being impossible to ascend point of spur to the true point for the $\frac{1}{4}$ sec. cor., at this point, which is 3.45 chs. S. of the true cor. point.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 11 and 14, with brass cap marked.

WC
S11
 $\frac{1}{4}$
S14.

1924

From which,

Chains

A point on the face of ledge, marked X B0 WC S11, bears North, 1 lk. dist.

No other suitable accessories available.

40.06 Thence, continue on offset line as follows.

South, 2.45 chs.

N. $89^{\circ}56'$ W., 11.41 chs.

North, 5.90 chs. to

51.47 Point on true line, thence N. $89^{\circ}56'$ W., on true line.

51.50 The E. rim of Court House Wash, bears N. and S.

54.00 Bottom of Court House Wash, 200 ft. below E. rim, drains S.; ascend broken W. breaks of Wash.

62.00 Top of W. rim of Court House Wash, 200 ft. above bottom, bears N. and S.; thence ascend gradual E. slope of spur.

66.80 Top of spur, 50 ft. above W. rim of wash, projects NE.; descend gradual W. slope of spur.

80.06 The cor. of secs. 10, 11, 14 and 15, 60 ft. below spur.

Land, broken by ledges and deep gulches with a general southerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush.

No timber.

Poor grazing.

N. $0^{\circ}01'$ W., bet. secs. 10 and 11.

Over broken sandstone ledges through scattering undergrowth and timber.

5.48 Left flag for triangulation point.

39.60 Top of S. rim of Court House Wash, bears E. and W.

As the point for the $\frac{1}{4}$ sec. cor. will fall in the inaccessible S. breaks of wash, at this point.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 10 and 11, with brass cap marked.

Chains

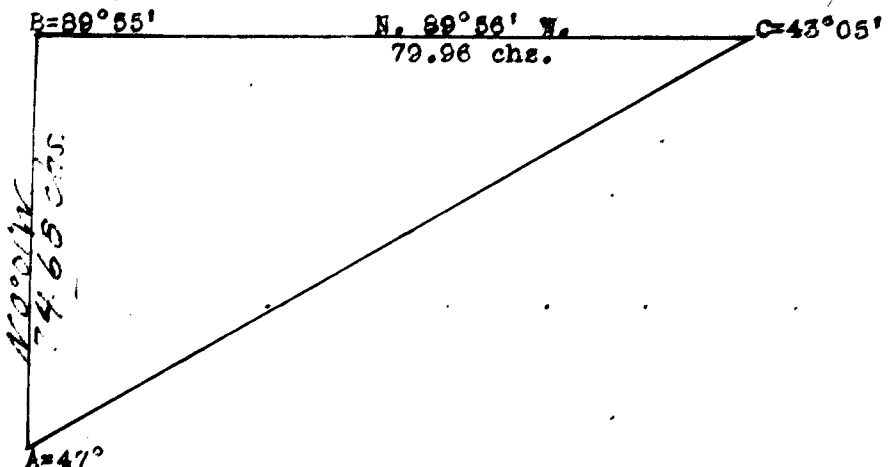
W C
 $\frac{1}{2}$
 810 | 811

1924

Deposit a sandstone, 6 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

The broken N. and E. breaks of Court House Wash, make chaining to the N. of this point impracticable, I therefore determine the distance to point for the cor. of secs. 2, 3, 10 and 11 as follows. Return to the 5.48 chs. point which I designate as "A" and from which point, a flag being visible at the cor. of secs. 1, 2, 11, and 12, bears N. $46^{\circ}59'$ E. From this cor., I measure base line N. $89^{\circ}56'$ W., 79.96 chs. dist., to a point N. $0^{\circ}01'$ W. of flag "A". Distance of base determined by direct measurements and triangulations as shown on the survey of the random line bet. secs. 2 and 11.



Distance on line=	5.48 chs.
Distance by triangulation=	74.68 chs.
	<u>80.16 chs.</u>
Distance by return measurement=	.16 chs.
	<u>80.00 chs.</u>

Approximate distances to topography from the witness cor. to the $\frac{1}{2}$ sec. cor.

40.00 True point for the $\frac{1}{2}$ sec. cor. falls in broken E. breaks of Court House Wash. No cor. set.

Subdivision of T. 25 S., R. 21 E.

Chains

- 50.00 Bottom of Court House Wash, 280. ft. below top of S. breaks, drains SE.; ascend broken N. breaks of wash.
- 55.00 Top of N. breaks of Court House Wash, 280 ft. above bottom, bears NW. and SE.; thence over broken surface-rock.
- 80.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 2, 3, 10 and 11, with brass cap marked.

T25S	R21E
S3	S2
S10	S11

1924

From which,

A cedar, 6 ins. diam., bears N. $34^{\circ}15'$ E., 129 lks. dist., marked T25S R21E S2 BT.

A cedar, 6 ins. diam., bears S. 53° E., 135 lks. dist., marked T25S R21E S11 BT.

A cedar, 6 ins. diam., bears S. $15^{\circ}30'$ W., 27 lks. dist., marked T25S R21E S10 BT.

A cedar, 6 ins. diam., bears N. $33^{\circ}30'$ W., 155 lks. dist., marked T25S R21E S3 BT.

Land, broken by breaks of Court House Wash, with a general northeasterly and southwesterly exposure and a general southeasterly drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

Subdivision of T. 25 S., R. 21 E.

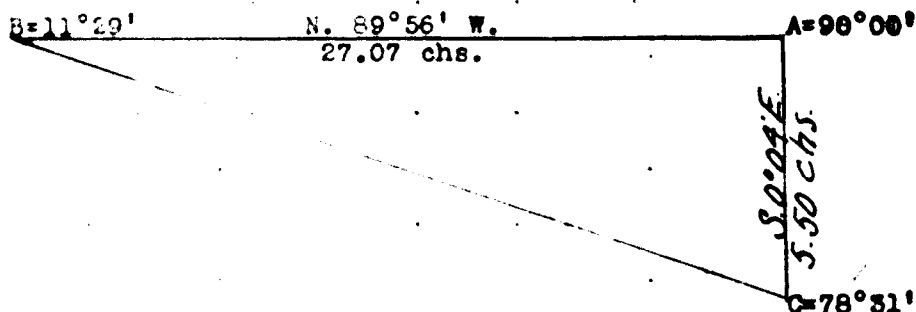
Chains

As the random line bet. secs. 2 and 11, was run in 1861 to obtain a base to determine the distance bet. secs. 10 and 11, I commence at the cor. of secs. 1, 2, 11, and 12.

Thence,

N. 89°56' W., on random line bet. secs. 2 and 11.

7.68 The E. rim of box canyon over which I am unable to chain I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on W. at top of W. breaks of canyon. From flag "A", measure base line "AC", S. 0°04' E., 5.50 chs. dist. from which point, flags "AB" subtend an angle of 78°31'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =

Distance by triangulation =

7.68 chs.
27.07 chs.
34.75 chs.

34.75 To point "B" of triangulation.

40.00 Set temp. sec. cor.

79.96 Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 1, 3, 10 and 11.

Thence,

N. 89°57' E., on true line bet. secs. 2 and 11.

Over broken sandstone outcroppings through scattering undergrowth.

39.98 In broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for sec. cor., with brass cap marked.

$\frac{52}{311}$

Chains

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

45.21 To point "B" of triangulation, at top of W. breaks of box canyon, bears NE. and SW.; thence by triangulation giving approximate distances to topography.

70.00 Bottom of box canyon, 180 ft. below top of W. breaks, drains SW.; ascend abruptly over broken E. breaks of canyon.

72.28 Top of E. breaks of canyon and to point "A" of triangulation, bears NE. and SW., 180 ft. above bottom; thence over broken surfacerock.

79.96 The cor. of secs. 1, 2, 11 and 12.

Land, broken by sandstone ledges with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

No timber.

Poor grazing.

From the cor. of secs. 2, 3, 10 and 11.

N. 0°21' E., on random line bet. secs. 2 and 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. bdy. of the township, 9 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is heretofore described.

Thence,

S. 0°17' W., on true line bet. secs. 2 and 3.

Over broken sandstone surfacerock through scattering timber and undergrowth.

40.04 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 25 S., R. 21 E.

Chains

1
S3 | S2
1924

From which,

A cedar, 4 ins. diam., bears S. 37°15' E., 11 lks.

dist., marked S2 BT.

A cedar, 4 ins. diam., bears S. 37°30' W., 101 lks.

dist., marked S3 BT.

60.00 Wash, 50 ft. s. wide, 10 ft. deep, drains SW.

8.04 The cor. of secs. 1, 3, 10 and 11.

land, broken by ledges with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, and mountain rush.

Timber, scattering scrub cedar and pinon.

Noon grazing.

From the cor. of secs. 11, 22, 27 and 28.

N. 12°30' W., bet. secs. 21 and 22.

Ascent abruptly over broken S. breaks of mesa through scattering undergrowth and timber.

17.00 Top of ascent at S. brink of mesa, 270 ft. above cor., bears E. and W.; thence over rolling top of mesa.

40.00 On rolling top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for sec. cor., with brass cap marked.

1
S21 | S22
1924

From which,

A cedar, 10 ins. diam., bears S. 12°30' E., 126 lks.

dist., marked S22 BT.

A cedar, 10 ins. diam., bears S. 44°15' W., 56 lks.

dist., marked S21 BT.

60.00 On rolling land.

Subdivision of T. 25 S., R. 21 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked.

T25S	R21E
S16	S15
S21	S22
1924	

From which,

A cedar, 12 ins. diam., bears N. 60° E., 249 lks. dist., marked T25S R21E S15 BT.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

No other suitable accessories available.

Land, S. portion of mile broken by sandstone ledges, with a general southerly exposure and drainage. North portion of mile is rolling top of mesa.

Soil, shallow sandy loam; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 15 and 22.

40.00 Set temp. ½ sec. cor.

79.76 Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 14, 15, 22 and 23.

Thence, /

N. 89°53' W., on true line bet. secs. 15 and 22.

Over broken sandstone outcroppings through scattering undergrowth and timber.

39.88 On sandstone surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for ½ sec. cor., with brass cap marked.

S15
½ ———
S22

1924

Chains

- From whiteh,
- A cedar, 10 ins. diam., bears N. 88° W., 27 lks. dist., marked $\frac{1}{2}$ S22 BT.
- A cedar, 8 ins. diam., bears N. 88° W., 27 lks. dist., marked $\frac{1}{2}$ S15 BT.
- 55.00 Leave sandstone outcroppings, bears NE. and SW.; then over rolling land.
- 79.76 The cor. of secs. 15, 16, 21 and 22.
- Land, E. portion of mile broken by sandstone outcroppings. W. portion rolling bench land. General southwesterly exposure and drainage.
- Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.
- Undergrowth, scattering blackbrush, oase and mountain rush.
- Timber, scattering scrub cedar and pinon.
- Poor grazing.
-
- N. 0°02' W., bet. secs. 15 and 16.
- As a large sandstone butte makes chaining to the N. of this cor. impracticable, I run on traverseline at the base of W. side of butte as follows, through scattering timber and undergrowth.
- N. 11°30' W., 10.88 chs.
- N. 21° W., 26.08 chs.
- ✓ N. 12° E., 12.46 chs.
- N. 43°30' E., 4.92 chs.
- East, 5.51 chs. to true line.
- S. 0°02' E., 10.77 chs. to
- 40.00 On broken N. slope of butte.
- Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

315
318
4801
S16 S15
1924

From which, set on iron post, bears N. 8° E., 56 lks.

A cedar, 4 ins. diam., bears N. 8° E., 56 lks.

dist., marked $\frac{1}{4}$ S15 BT.

A cedar, 4 ins. diam., bears N. 68° W., 37 lks.

dist., marked $\frac{1}{4}$ S16 BT.

50.77 To point of traverse at base of high butte over which I
~~it was impossible to chain~~, bears E. and W. to pass butte I
run on traverse line along the E. base of butte as follows.

N. 8°30' E., 24.03 chs.

N. 6°30' E., 6.48 chs.

West, 4.30 chs. to point 98 lks. N. 0°02' W. of the

true point for cor. of secs. 9, 10, 15 and 16. Thence,

S. 0°02' E., 98 lks. to

80.00 At base of N. side, of butte, bears E. and W.

Set an iron post, 13 ft. long, 2 ins. diam., 8 ins. in

the ground to bedrock and in a large mound of stone, for

cor. of secs. 9, 10, 15 and 16, with brass cap marked.

T25S	R21E
S9	S10

S16	S15
-----	-----

1924

From which,

A cedar, 5 ins. diam., bears N. 36° E., 71 lks.

dist., marked T25S R21E S10 BT.

A cedar, 4 ins. diam., bears S. 58°15' E., 92 lks.

dist., marked T25S R21E S15 BT.

A cedar, 4 ins. diam., bears S. 37°45' W., 70 lks.

dist., marked T25S R21E S16 BT.

A cedar, 4 ins. diam., bears N. 77° W., 7 lks.

dist., marked T25S R21E S9 BT.

Land, broken slopes of two large sandstone buttes.

Soil, shallow sandy loam in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

Subdivision of T.. 25 S., R.. 21 E.

Chains

- S. $89^{\circ}53'$ E., on random line bet. secs. 10 and 15.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.76 Intersect the N. and S. line, 16 lks. S. of the cor of
secs. 10, 11, 14 and 15.
- Thence,
West, on true line bet. secs. 10 and 15.
- Over rolling mesa land through scattering undergrowth
and timber.
- 31.10 Wash, 50 lks. wide, 10 ft. deep, drains SE.
- 39.88 On rolling land.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- | | |
|---------------|--------|
| .S10 | |
| $\frac{1}{4}$ | — |
| | S15 |
| | . 1924 |
- From which,
- A cedar, 12 ins. diam., bears S. $72^{\circ}30'$ W., 488 lks.
dist., marked $\frac{1}{4}$ S15 BT.
- A cedar, 10 ins. diam., bears N. 79° W., 400 lks.
dist., marked $\frac{1}{4}$ S10 BT.
- 76.10 The base of sandstone spur from butte, bears NW. and SE.;
spur, projects NE.
- 79.76 The cor. of secs. 9, 10, 15 and 16.
- Land, rolling top of mesa with a general southeasterly
exposure and drainage.
- Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.
- Undergrowth, scattering blackbrush, oose and mountain
rush.
- Timber, scattering scrub cedar and pinon.
- Fair grazing.

Chains

N. 0°02' W., bet. secs. 9 and 10.

Over rolling mesa land through scattering undergrowth and timber.

32.90 The E. point of spur, 30 ft. high,

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S9 | S10

1924

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

58.60 Court House Wash, 200 lks. wide, 40 ft. deep, drains SE.

80.00 On rolling land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked.

T25S | R21E
S4 | S3
S9 | S10

1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

Land, rolling with a general southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

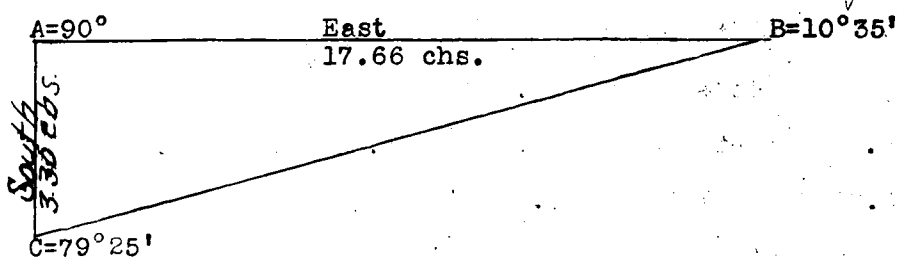
Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 25 S., R. 21 E.

Chains

- East, on random line bet. secs. 3 and 10.
- 38.80 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.
- 40.00 Point for the temp. $\frac{1}{4}$ sec. cor. falls on steep slope of ledge.
- 60.90 The W. rim of sandstone gulch over which I am unable to chain, I therefore determine the distance across gulch by triangulation as follows. Erect flag "A" at this point and flag "B" on line E. From flag "A", measure base line "AC", South, 3.30 chs., from which point, flags "AB" subtend an angle of $79^{\circ}25'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=
Distance by triangulation=

60.90 chs.
17.66 chs.
78.56 chs.✓

- 78.56 To point "B" of triangulation
- 79.96 Intersect the N. and S. line, 14 lks. S. of the cor. of secs. 2, 3, 10 and 11.
- Thence,
S. $89^{\circ}54'$ W., on true line bet. secs. 3 and 10.
- Over broken land through scattering undergrowth and timber.
- .20 Top of sandstone spur, 10 ft. above cor., projects S.; descend broken W. slope of spur.
- 1.40 Top of E. rim of sandstone gulch, bears N. and S., and to point "B" of triangulation. Thence, by triangulation, giving approximate distances to topography.
- 17.00 Bottom of gulch, 150 ft. below E. rim, drains S.; ascend abruptly over broken W. breaks of gulch.
- 19.06 To point "A" of triangulation at top of W. rim of gulch, bears N. and S.; thence over broken surfacerock.

Subdivision of T. 25 S., R. 21 E.

Chains

39.98 Point for the $\frac{1}{4}$ sec. cor. falls on steep slope of ledge where it is impracticable to set a permanent cor.

41.16 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 3 and 10, with brass cap marked.

$$\frac{\frac{1}{4}}{S10} \frac{S3}{WC}$$

1924

From which,

A cedar, 5 ins. diam., bears N. 39° E., 91 lks. dist., marked WC $\frac{1}{4}$ S3 BT.

A cedar, 4 ins. diam., bears S. $61^{\circ}15'$ W., 44 lks. dist., marked WC $\frac{1}{4}$ S10 BT.

50.00 Land becomes more rolling, bears N. and S.

60.00 Draw, 20 ft. deep, drains SW.

79.96 The cor. of secs. 3, 4, 9 and 10.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Soil, shallow sandy loam in the depressions of the sandstone surfacerock; 3rd rate.

Undergrowth, scattering blackbrush and mountain rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

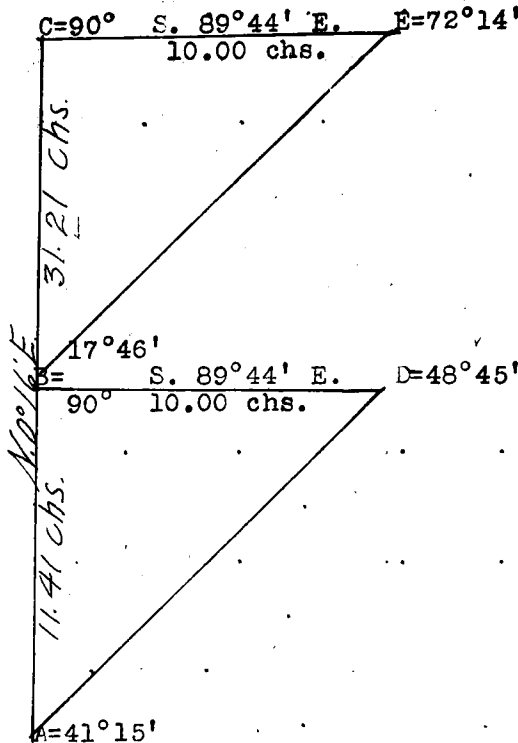
N. $0^{\circ}16'$ E., on random line bet. secs. 3 and 4.

The broken slopes of spur and breaks of box canyon, make chaining to the N. of this cor. impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at the sec. cor. and flags "B" and "C" on line to the N. From flag "B", measure base line "BD", S. $89^{\circ}44'$ E., 10.00 chs. dist. and from flag "C" measure base line "CE", S. $89^{\circ}44'$ E., 10.00 chs. dist. From flag "D", flags "AB" subtend an angle of $48^{\circ}45'$, and from flag "E" flags "BC"

Subdivision of T. 25 S., R. 21 E.

Chains

subtend an angle of $72^{\circ}14'$: All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation "A" to "B" = 11.41 chs.
 Distance by triangulation "B" to "C" = 31.21 chs.
42.62 chs.

- 40.00 Point for the temp. $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.
- 42.62 To point "C" of triangulation; set temp. witness cor. to the $\frac{1}{4}$ sec. cor.
- 80.45 Intersect the N. bdy. of the township, 28 lks. E. of the cor. of secs. 3, 4, 33 and 34, which is heretofore described.
- Thence,
 S. $0^{\circ}04'$ W., on true line bet. secs. 3 and 4.
 Over broken land through scattering undergrowth and timber.
- 33.00 Top of sandstone point from butte to the E., 30 ft. high, projects NW., 4.00 chs. dist.
- 37.83 To point "C" of triangulation at top of N. rim of box canyon bears NW. and SE. As the true point for the $\frac{1}{4}$ sec. cor. falls in the inaccessible N. breaks of canyon where the cor. point can not be reached, at this point,

Subdivision of T. 25 S., R. 121 E.

- 20.00 On sandstone surfacerock, mark a cross (X), over which:
 20.00 Set an iron post, 3 ft. long, 1 in. diam., in a large
 mound of stones, for witness cor. to the $\frac{1}{4}$ sec. cor.
 secs. 3 and 4, with brass cap marked.
- 55.00 S4 S3
 WC
 1924
- From which,
 55.00 A cedar, 4 ins. diam., bears N. 75°15' E., 71 lks.
 70.00 dist., marked WC $\frac{1}{4}$ S3 BT.
 75.00 A cedar, 4 ins. diam., bears N. 62°45' W., 79 lks.
 80.00 dist., marked WC $\frac{1}{4}$ S4 BT.
- Thence, by triangulation, giving approximate distances
 to topography on triangulated distance.
- 40.45 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible N.
 breaks of box canyon.
- 51.00 Bottom of box canyon, 230 ft. below the witness cor.,
 drains SE.; ascend abruptly over broken S. breaks
 of canyon.
- 69.04 To point "B" of triangulation at top of rocky spur at
 top of S. breaks of canyon, 280 ft. above bottom,
 projects SE.; descend broken SW. slope of spur.
- 80.45 The cor. of secs. 3, 4, 9 and 10, 170 ft. below top of
 spur.
- Land, broken by sandstone ledges with a general south-
 easterly exposure and drainage.
- Soil, shallow sandy loam in the depressions of the
 surfacerock; 3rd rate.
- Undergrowth, scattering blackbrush, oose and mountain
 rush.
- Timber, scattering scrub cedar and pinon.
- Poor grazing.

Subdivision of T. 35 S., R. 21 E.

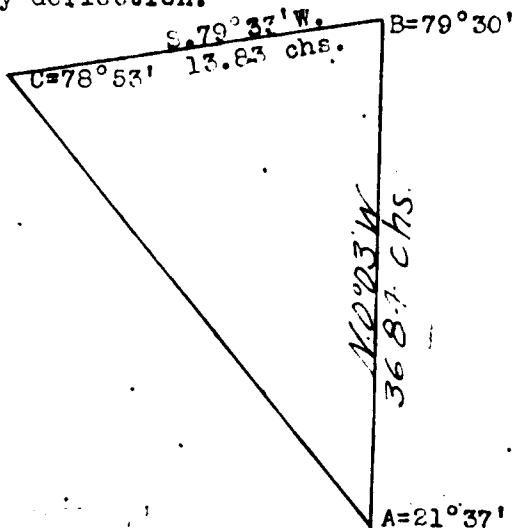
Chains

It being impossible to reach the standard cor. of secs. 32 and 33, I commence at the witness cor. to said secs. which is 4.09 chs. E. of true point for cor.

Thence,

N. $0^{\circ}03'$ W., on offset line bet. secs. 32 and 33.

The inaccessible breaks of canyon make chaining to the N. of this cor. impracticable, I therefore triangulate across canyon, through scattering timber and undergrowth as follows. Erect flag "A" at the witness cor. and flag "B" on line N. from flag "B", measure base line, "BC", S. $79^{\circ}33'$ W., 13.83 chs. dist., from which point, flag "AB" subtend an angle of $78^{\circ}53'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation = 36.84 chs.

Thence, West, 4.09 chs. to true line.

Approximate distances to topography on true line and on triangulated distance.

10.00 Bottom of box canyon, 280 ft. below true point for sec. cor., drains SW.; ascend abruptly over broken N. breaks of canyon.

36.84 To point on true line at top of N. rim of canyon, 270 ft. above bottom, bears NE. and SW. As the true point for $\frac{1}{4}$ sec. cor. will fall on steep W. slope of ledge where it is impossible to set a permanent cor., at this point Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the

Subdivision of T. 25 S., R. 21 E.

Chains

ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 32 and 33, with brass cap marked.

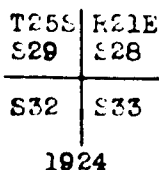


From which,

A cedar, 4 ins. diam., bears N. 62° E., 10 lks.
dist., marked WC $\frac{1}{4}$ S33 BT.

No other suitable accessories available.

- 40.00 Point for the $\frac{1}{4}$ sec. cor. falls on steep W. slope of ledge where it is impracticable to set cor.
- 62.80 The S. rim of sandstone gulch, bears E. and W.
- 64.20 Bottom of gulch, 150 ft. deep, drains W.; ascend abrupt N. breaks of gulch.
- 67.50 The N. rim of gulch, 150 ft. above bottom, bears E. and W.; thence over broken surfacerock.
- 80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 7 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 28, 29, 32 and 33, with brass cap marked.



From which,

A cedar, 6 ins. diam., bears N. 35° E., 45 lks.
dist., marked T25S R21E S28 BT.

A cedar, 8 ins. diam., bears S. 85° E., 52 lks.
dist., marked T25S R21E S33 BT.

A cedar, 4 ins. diam., bears S. 20° W., 8 lks.
dist., marked T25S R21E S32 BT.

A cedar, 4 ins. diam., bears N. 42° 30' W., 15 lks.
dist., marked T25S R21E S29 BT.

Land, broken by sandstone ledges with a general south-westerly exposure and drainage.

Subdivision of T. 25. S., R. 21 E.

Chains

aligned

Soil, shallow sandy loam in the depressions of the
surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

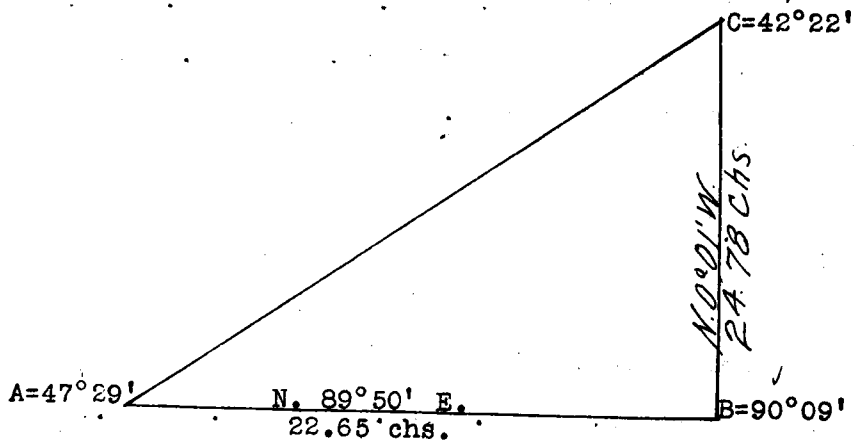
Timber, scattering scrub cedar and pinon.

Poor grazing.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. 1 sec. cor.

57.21 Rim of mesa over which I am unable to chain, I there-
fore determine the distance to the cor. of secs. 27,
28, 33 and 34 by triangulation as follows. Erect flag
"A" at the 57.21 chs. point and flag "B" at the cor. of
secs. 27, 28, 33 and 34, which bears N. $89^{\circ}50'$ E.
from flag "A". From flag "B", measure base line "BC",
N. $0^{\circ}01'$ W., 24.78 chs., from which point, flags "AB"
subtend an angle of $42^{\circ}22'$. All bearings checked by
direct reading of the solar and all angles checked by
deflection.



Distance on line =

Distance by triangulation=

57.21 chs.

22.65 chs.

79.86 chs.

79.86 To point "B" of triangulation at the cor. of secs.

27, 28, 33 and 34.

The bearing of this mile therefore is, S. $89^{\circ}58'$ W., and
the distance is 79.86 chs.

Thence,

S. $89^{\circ}58'$ W., on true line bet. secs. 28 and 33, by
triangulation.

Chains

Ascend abruptly over broken NE. breaks of mesa through scattering undergrowth and timber.

22.65 To point "A" of triangulation at top of NE. breaks of mesa, 320 ft. above cor., bears NW. and SE.; thence over broken top of mesa.

39.93 On broken top of mesa, on surfacerock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S28 \cdot \\ \frac{1}{4} \hline S33 \end{array}$$

. 1924

From which,

A cedar, 8 ins. diam., bears N. $26^{\circ}30'$ E., 64 lks. dist., marked $\frac{1}{4}$ S28 BT.

A pinon, 8 ins. diam., bears S. 10° W., 90 lks. dist., marked $\frac{1}{4}$ S33 BT.

53.40 Draw, 20 ft. deep, drains SW.

65.00 Base of sandstone butte, bears N. and S.

69.40 Top of butte, 80 ft. high.

78.00 Base of W. side. of butte, bears NW. and SE.

79.86 The cor. of secs. 28, 29, 32 and 33.

Land, broken by sandstone ledges with a general northeasterly exposure and drainage on E. portion of mile and a general southwesterly exposure and drainage on W. portion of mile.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 25 S. R. 21 E.

Chains

arist

N. $0^{\circ}03'$ W., bet. secs. 28 and 29.

Over broken ledges through scattering undergrowth and timber.

The NW. point of high butte makes chaining on line from this cor. impracticable, I therefore offset as follows
West, 3.95 chs.N. $0^{\circ}03'$ W., 15.72 chs.

East, 3.95 chs. to true line at

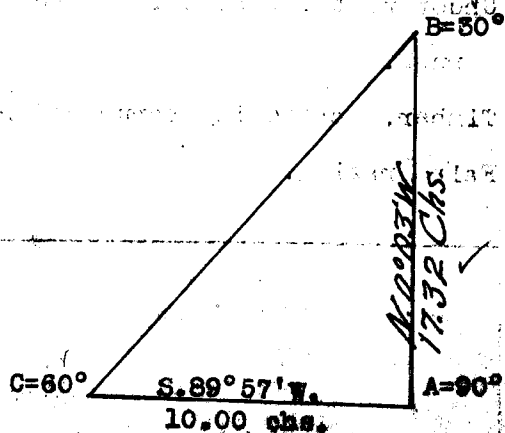
15.72 Point on true line at base of N. side of point from butte, bears NW. and SE.

40.00 On sandstone surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S29} \mid \text{S28} \\ \text{1924} \end{array}$$

From which,

A pinon, 8 ins. diam., bears N. 65° E., 102 lks.
dist., marked $\frac{1}{4}$ S28 BT.A pinon, 8 ins. diam., bears S. 84° W., 63 lks.
dist., marked $\frac{1}{4}$ S29 BT.

62.25 Top of abrupt descent over broken NE. slope of mesa, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", measure base line "AC", S. $89^{\circ}57'$ W., 10.00 chs. dist. from which point, flags "AB" subtend an angle of 60° . All bearings checked by direct reading of the solar and all angles checked by deflection.



Subdivision of T. 25 S., R. 21 E.

Chains

Distance on line= .62.25 chs.
 Distance by triangulation= 17.32 chs.
 79.57 chs.

79.57 To point of triangulation.

80.00 On broken NE. slope of mesa, 300 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked.

T25S	R21E
S20	S21
S29	S28
1924	

From which,

A cedar, 10 ins. diam., bears S. $34^{\circ}45'$ W., 244 lks. dist., marked T25S R21E S29 BT.

A cedar, 6 ins. diam., bears N. 78° W., 133 lks. dist., marked T25S R21E S20 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}58'$ E., on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect the N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence,

S. $89^{\circ}54'$ W., on true line bet. secs. 21 and 28.

Descend abrupt SW. breaks of mesa through scattering undergrowth.

18.50 Base of abrupt descent, bears NW. and SE., 400 ft. below

Subdivision of T. 25 S., R. 21 E.

Chains

- cor.; thence over rolling land.
- 24.00 Base of ledge, 10 ft. high, bears NW. and SE.
- 27.00 State Highway, bears NW. to Thompson, Utah, and SE. to Moab, Utah.
- 27.10 Telephone line, bears NW. to Thompson, Utah, and SE. to Moab, Utah.
- 30.00 Wash, 20 lks. wide, 2 ft. deep, drains SE.; thence ascends gradually over broken NE. slope of mesa.
- 39.93 On broken NE. slope of mesa, 110 ft. above wash.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S21 \\ \frac{1}{2} \\ \hline S28 \end{array}$$

1924

- Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 53.00 Wash, 20 lks. wide, 10 ft. deep, drains NE.
- 79.86 The cor. of secs. 20, 21, 28 and 29, 510 ft. above the $\frac{1}{4}$ sec. cor.
Land, broken NE. and SW. breaks of mesa, with a general southeasterly exposure.
Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.
Undergrowth, scattering blackbrush, ooze and mountain rush.
No timber.
Poor grazing.

N. $0^{\circ}03'$ W., bet. secs. 20 and 21.

- Descend abruptly over broken NE. slope of mesa, through scattering timber and undergrowth.
- 32.10 Telephone line, bears NW. to Thompson, Utah, and SE. to Moab, Utah.
- 40.00 At base of descent from mesa, 660 ft. below cor., bears NE. and SW.

Subdivision of T. 25 S., R. 21 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S20 S21

1924

From which,

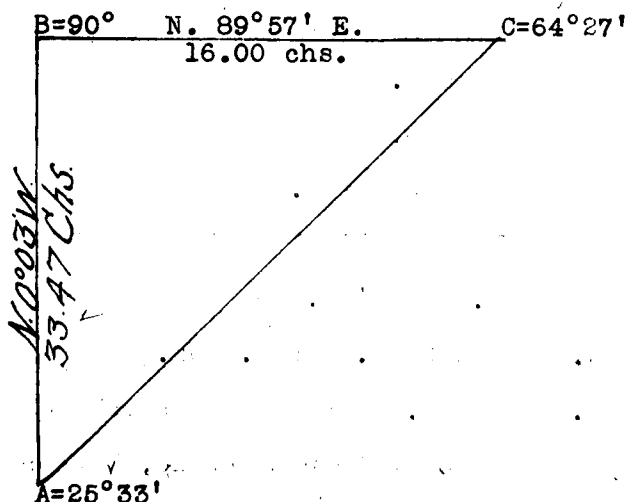
A cedar, 8 ins. diam., bears S. 8° E., 266 lks. dist., marked $\frac{1}{4}$ S21 BT.

A cedar, 8 ins. diam., bears S. 6° W., 264 lks. dist., marked $\frac{1}{4}$ S20 BT.

41.20 State Highway, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

47.00 Wash, 40 lks. wide, 10 ft. deep, drains SE.

48.00 Base of broken SW. breaks of mesa, bears NW. and SE., over which I am unable to chain, I therefore determine the distance to top of mesa by triangulation as follows. Return to the $\frac{1}{4}$ sec. cor. and erect flag "A" and flag "B" on line N. at top of mesa. From flag "B", measure base line "BC", N. $89^{\circ}57'$ E., 16.00 chs. dist., from which point, flags "AB" subtend an angle of $64^{\circ}27'$. all bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	40.00 chs.
Distance by triangulation=	33.47 chs.
	<u>73.47 chs.</u>

Subdivision of T. 25 S., R. 21 E.

Chains

73.47 To point of triangulation at top of mesa, 750 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence over broken top of mesa.

80.00 On broken top of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked.

T25S	R21E
S17	S16
S20	S21
1924	

From which,

A cedar, 10 ins. diam., bears S. $60^{\circ}30'$ E., 77 lks. dist., marked T25S R21E S21 BT.

A cedar, 6 ins. diam., bears S. $33^{\circ}15'$ W., 46 lks. dist., marked T25S R21E S20 BT.

A cedar, 10 ins. diam., bears N. 12° W., 8 lks. dist., marked T25S R21E S17 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken by ledges with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}54'$ E., on random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

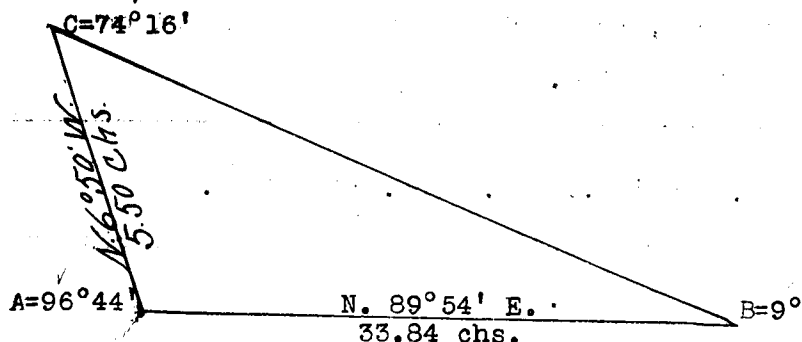
46.04 The E. breaks of mesa make chaining to the E. of this point impracticable, I therefore determine the distance to cor. secs. 15, 16, 21 and 22 by triangulation as follows. Erect flag "A" at the 46.04 cha. point and flag "B" on line E. From flag "A", measure base line

Subdivision of T. 25 S., R. 21 E.

Chains

"AC", N. $6^{\circ}50'$ W., 5.50 chs. dist., from which point, flags "AB" subtend an angle of $74^{\circ}16'$. No longer base line could be obtained on account of broken rim of mesa.

All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =	46.04 chs.
Distance by triangulation =	33.84 chs.
	<u>79.88 chs.</u>

79.88 To point "B" of triangulation at a point, 9 lks. S. of cor. of secs. 15, 16, 21 and 22.

Thence,

S. $89^{\circ}50'$ W., by triangulation, bet. secs. 16 and 21.

Ascend abruptly over broken E. breaks of mesa through scattering undergrowth and timber.

33.84 To point "A" of triangulation at top of breaks of mesa, 250 ft. above cor., bears NE. and SW.; thence over broken top of mesa.

39.94 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S16
 $\frac{1}{4}$
S21
1924

From which,

A cedar, 8 ins. diam., bears S. $40^{\circ}30'$ W., 33 lks. dist., marked $\frac{1}{4}$ S21 BT.

A cedar, 4 ins. diam., bears N. $76^{\circ}30'$ W., 76 lks. dist., marked $\frac{1}{4}$ S16 BT.

79.88 The cor. of secs. 16, 17, 20 and 21.

Land, broken by sandstone ledges with a general south-

Subdivision of T. 25 S., R. 21 E.

Chains

and

Easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 16 and 17.

Over broken top of mesa through scattering undergrowth
and timber.

40.00 On broken top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

\uparrow
 S17 S16
 1924

From which,

A cedar, 6 ins. diam., bears S. 79° E., 22 lks.

dist., marked BT. Tree too scrubby for other marks.

A cedar, 8 ins. diam., bears S. 51°30' W., 23 lks.

marked $\frac{1}{4}$ S17 BT.

78.76 As the true point for cor. of secs. 8, 9, 16 and 17, will
fall in broken N. breaks of mesa where it is impracticable
to set cor.; at this point on rim of mesa, bears NW.
and SR., on surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large
mound of stone, for witness cor. to the cor. of secs.
8, 9, 16 and 17, with brass cap marked.

W C	
T25S	R21E
S8	S9
S17	S16

 1924

No suitable accessories available.

80.00 True point for the cor. of secs. 8, 9, 16 and 17, falls

Chains

in broken N. breaks of mesa where it is impracticable to set cor.

Land, broken top of mesa with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the true point for the cor. of secs. 8, 9, 16 and 17, which N. $0^{\circ}01'$ W., 1.24 chs. dist. from witness cor. to said secs.

N. $89^{\circ}50'$ E., on random line bet. secs. 9 and 16.

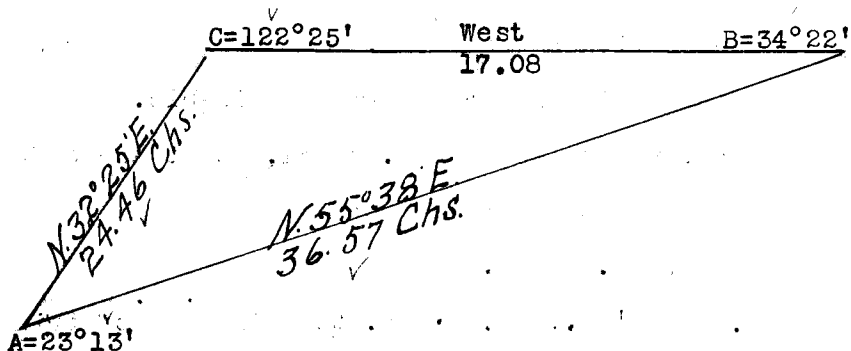
It being impracticable to chain or project my line E.

from this cor. on account of the high sandstone points and buttes on the E. breaks of mesa, I proceed by

triangulation as follows. Erect flag "A" at cor. point and flag "B", N. $55^{\circ}38'$ E., from flag "A". From flag

"B", measure base line "BC", West, 17.08 chs. dist., from which point, flags "AB" subtend an angle of $122^{\circ}25'$.

All bearings checked by direct reading of the solar and all angles checked by deflection.



Course and distance from flag "A" to Flag "B" therefore is N. $55^{\circ}38'$ E., 36.57 chs. or to a point on offset line which is N. $89^{\circ}50'$ E., 30.19 chs. and North, 20.55 chs. from point for cor. secs. 8, 9, 16 and 17. Thence, continue on offset line as follows.

Subdivision of T. 125 S., R. 21 E.

Chains

N. $89^{\circ}50'$ E., 18.53 chs.

South, 20.55 chs. to random line; thence by return measurement, S. $89^{\circ}50'$ W., 5.23 chs. to

43.49 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

79.60 Intersect the N. and S. line, 16 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence,

S. $89^{\circ}57'$ W., on true line bet. secs. 9 and 16.

Over broken ledges through scattering timber and undergrowth.

14.50 Wash, 40 lks. wide, 10 ft. deep, drains NW.

30.88 Point of offset, bears N., 10 lks.

36.11 At base of ledge, 100 ft. high, bears N. and S.: It being impossible to reach the true point for the $\frac{1}{4}$ sec. cor. on account of the inaccessible ledges on E. breaks of mesa, at this point.

Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 9 and 16, with brass cap marked.

S9
WC $\frac{1}{4}$ ———
S16

1924

Deposit a sandstone, 6 x 6 x 5 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Thence, return to the 30.88 chs. point and offset as follows along base of mesa.

North, 20.55 chs.

S. $89^{\circ}57'$ W., 18.53 chs. to point 6 lks. S. of point
thence, by triangulation S. $55^{\circ}43'$ W., 35.54 chs. to

79.60 The true point for cor. of secs. 8, 9, 16 and 17.

Land, broken by sandstone ledges with a general northeasterly exposure and drainage.

Chains

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate.

Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°03' W., from the true point for cor. of secs.

8, 9, 16 and 17, bet. secs. 8 and 9.

Over broken sandstone ledges through scattering under-
growth and timber.

As high sandstone points on the E. breaks of mesa make
it impossible to chain or project my line to the N.
of point for this cor., I commence at "C" of the
triangulation on line bet. secs. 9 and 16, which bears
N. 32°25' E., 24.46 chs. from the true point for cor.
of secs. 8, 9, 16 and 17, or a point N. 0°03' W.,
20.65 chs. from point for cor. and a point East, 13.13
chs. from true line, thence, from this point, N. 0°03' W.
on offset line, counting distances from the true point
for cor. of secs. 8, 9, 16 and 17, which is N. 0°03' W.,
1.24 chs. from witness cor. to said secs.

40.00 Impossible to return to true line at this point on
account of the broken E. breaks of mesa; continue on
offset line to:

48.90 West, 13.13 chs. to true line, at which point, on sand-
stone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor.
secs. 8 and 9, with brass cap marked.

$\frac{1}{4}$
 S8 | S9
 W | E
 1924

From which,

A cedar, 8 ins. diam., bears S. 75°45' W., 79 lks.
dist., marked WC $\frac{1}{4}$ S8 BT

Subdivision of T. 25 S., R. 21 E.

Chains

No other suitable accessories available.

76.00 Court House Wash, 50 lks. wide, 10 ft. deep, drains S.

80.00 On broken land.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, with brass cap marked.

T25S	R21E
S5	S4
S8	S9

1924

From which,

A cottonwood, 24 ins. diam., bears S. 11° W., 66 lks. dist., marked T25S R21E S5 BT.

A cottonwood, 12 ins. diam., bears N. $35^{\circ}45'$ W. 265 lks. dist., marked T25S R21E S5 BT.

No other suitable accessories available and soil too loose for pits.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon. A few scattering cottonwood found on N. portion of mile.

Fair grazing.

N. $89^{\circ}57'$ E., on random line bet. secs. 4 and 9.

37.06 Set flag for triangulation point.

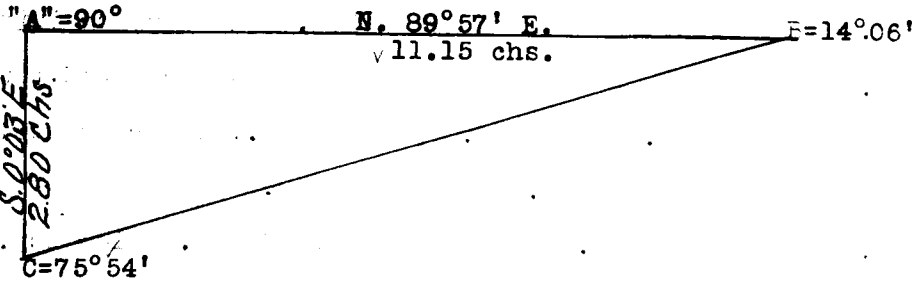
40.00 Set temp. $\frac{1}{4}$ sec. cor.

As the broken W. breaks of spur, make chaining to the E. of this point impracticable, I return to the 37.06 chs point and determine the distance by triangulation as follows. Designate this point "A" and erect flag "B" on line E. at top of spur. From flag "A", measure base line "AC", S. $0^{\circ}03'$ E., 2.80 chs. dist., from which

Subdivision of T. 25 S., R. 21 E.

Chains

point, flags "AB" subtend an angle of $75^{\circ}54'$. No longer base line could be obtained on account of the high ledges. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =

37.06 chs.

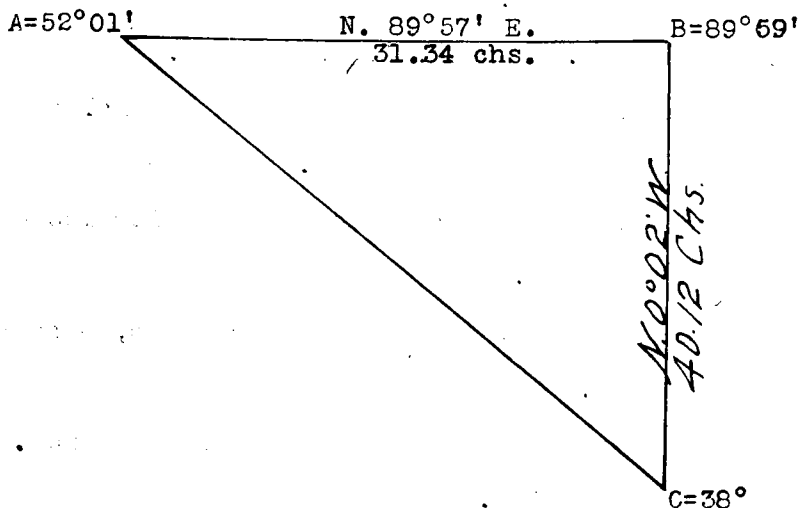
Distance by triangulation =

11.15 chs.

48.21 chs.

48.21 To point "B" of triangulation.

48.44 The broken E. breaks of spur make chaining to the E. of this point impracticable, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line E. at a point 12 lks. N. of the cor. of secs. 3, 4, 9 and 10. From flag "A", flag "B" and the $\frac{1}{4}$ sec. cor. of secs. 9 and 10, which I designate as "C", subtend an angle of $52^{\circ}01'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line =

48.44 chs.

Distance by triangulation =

31.34 chs.

79.78 chs.

79.78 To point of triangulation at a point 12 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Subdivision of T. 26 S., R. 21 E.

Chains

Thence, ~~by triangulation over broken E. breaks of spur through~~

N. $89^{\circ}58'$ W., on true line bet. secs. 4 and 9.

By triangulation over broken E. breaks of spur through scattering undergrowth and timber.

31.34 To point "A" of triangulation, thence by chaining.

31.57 To point "B" of triangulation at top of sandstone spur, 280 ft. above cor., projects S.; thence by triangulation over broken W. breaks of spur.

39.89 At base of W. breaks of spur, 270 ft. below top, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S4

$\frac{1}{4}$

S9

1924

Deposit a sandstone, 5 x 4 x 4 ins., at base of post, marked with a cross (X).

No other suitable accessories available and soil too loose for pits.

42.72 To point of triangulation.

52.70 Bottom of wash, 60 lks. wide, 10 ft. deep, drains SE.

79.78 The cor. of secs. 4, 5, 8 and 9.

Land, broken by ledges with a general southeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

Subdivision of T. 25 S., R. 21 E.

Chains

10.00 N. $0^{\circ}03'$ E., on random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.50 Intersect the N. bdy. of the township, 14 lks. W. of the cor. of secs. 4, 5, 32 and 33, which is heretofore described.

Thence,

S. $0^{\circ}09'$ W., on true line bet. secs. 4 and 5.

Over broken sandstone outcroppings through scattering undergrowth and timber.

40.50 On broken land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S5 | S4

1924

From which,

A cedar, 5 ins. diam., bears S. $23^{\circ}15'$ E., 83 lks. dist., marked $\frac{1}{4}$ S4 BT.

A cedar, 8 ins. diam., bears N. 63° W., 46 lks. dist., marked $\frac{1}{4}$ S5 BT.

80.50 The cor. of secs. 4, 5, 8 and 9.

Land, broken by sandstone ledges with a general easterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

From the standard cor. of secs. 31 and 32, which is heretofore described.

N. $0^{\circ}03'$ W., bet. secs. 31 and 32.

Over broken ledges through scattering undergrowth and timber.

Subdivision of T. 25 S., R. 21 E.

Chains

- 3.80 To pass inaccessible ledges which form the E. breaks of canyon, I offset as follows.
West, 92 lks.; thence N. $0^{\circ}03'$ W. on offset line, giving approximate distances to topography on true line.
- 9.80 Top of abrupt descent over broken NW. slope to bottom of canyon, bears NE. and SW.
- 15.30 Bottom of canyon, 230 ft. below cor.; drains SW.; ascend abruptly over broken SE. breaks of canyon.
- 17.70 Top of N. breaks of canyon, 240 ft. above bottom, bears NE. and SW.
- 24.50 East, 92 lks. to true line, thence on true line.
- 40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$ S31 | S32 1924

From which,

- A cedar, 6 ins. diam., bears S. $44^{\circ}15'$ E., 80 lks. dist., marked BT. Tree too scrubby for other marks.
- A cedar, 8 ins. diam., bears N. $52^{\circ}30'$ W., 66 lks. dist., marked $\frac{1}{4}$ S31/BT.
- 80.00 On sandstone surfacerock, 300 ft. above the $\frac{1}{4}$ sec. cor., mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 29, 30, 31 and 32, with brass cap marked.

T25S | R21E S30 | S29 <hr style="border: none; border-top: 1px solid black; margin: 2px 0;"/> S31 | S32 1924

From which,

- A pinon, 6 ins. diam., bears S. 6° E., 115 lks. dist., marked T25S R21E S32 BT.
- A pinon, 8 ins. diam., bears S. 33° W., 37 lks. dist., marked T25S R21E S31 BT.

Subdivision of T. 25 S., R. 21 E.

Chains

A cedar, 8 ins. diam., bears N. 1° W., 118 lks.
dist., marked T25S R21E 630. BT.

No other suitable accessory available.

Land, broken by sandstone ledges with a general south-
westerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

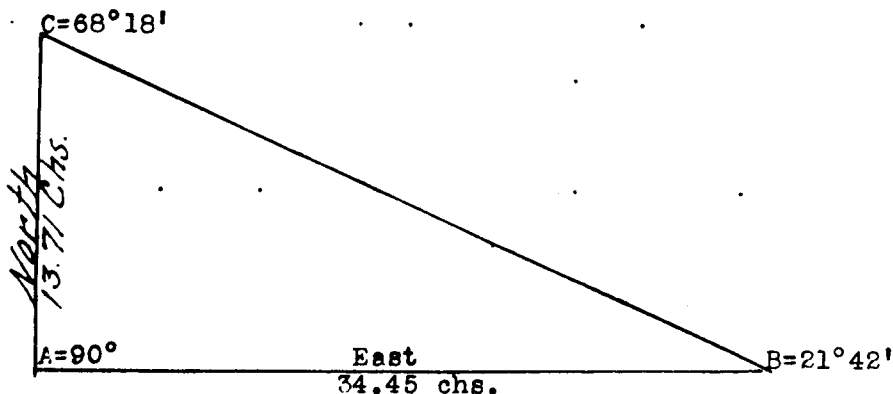
Undergrowth, scattering blackbrush, oose and mountain
rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

East, on random line bet. secs. 29 and 32.

3.60 Rim of box canyon over which I am unable to chain, I
therefore determine the distance by triangulation as
follows. Erect flag "A" at this point and flag "B" on
line E. From flag "A", measure base line, "AC", North,
13.71 chs. from which point, flags "AB" subtend an angle
of $68^{\circ}18'$. All bearings checked by direct reading of the
solar and all angles checked by deflection.



Distance on line =	3.60 chs.
Distance by triangulation =	34.45 chs.
	<u>38.05 chs.</u>

38.05 To point "B" of triangulation

40.00 Set temp. $\frac{1}{2}$ sec. cor.

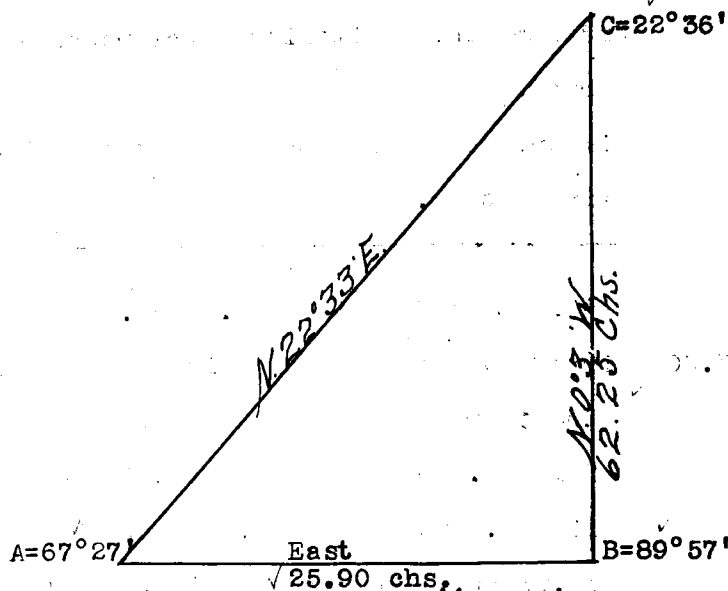
53.92 The E. and W. breaks of box canyon make chaining to the
E. of this point impracticable, I therefore determine
the distance by triangulation as follows. Erect flag

Subdivision of T. 2516, R. 21 E.

Chains

arlin

"A" at the 53.92 chs. point and flag "B" on line E. a point 12 lks. S. of the cor. of secs. 28, 29, 32 and 33. From flag "A" a flag which I designate as "C", left N. $0^{\circ}03'$ W., 62.13 chs. dist. from the cor. of secs. 28, 29, 32 and 33, bears N. $22^{\circ}33'$ E. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=

✓ 53.92 chs.

Distance by triangulation=

✓ 25.90 chs.

✓ 79.82 chs.

- 79.82 To point "B" of triangulation which intersects the N. and S. line, 12 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence,

S. $89^{\circ}55'$ W., on true line bet. secs. 29 and 32.

By triangulation, giving approximate distances to topography, over broken ledges through scattering undergrowth and timber.

- 15.90 The E. rim of box canyon, bears N. and S.
 18.00 Bottom of box canyon, 150 ft. deep, drains S.
 20.90 The top of W. rim of box canyon, bears N. and S.
 25.90 To point "A" of triangulation.
 39.91 On sandstone surfacerock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

From

Subdivision of T.25 S., R.21 E.

Chains

$\frac{1}{4}$ S29
S32
192 $\frac{1}{2}$

From which, . . .

A cedar, 6 ins.diam., bears N.82°45'E., 102 lks.

dist., marked $\frac{1}{4}$ S 29 B.T

A point on face of ledge, bears S.83°30'W., 1 $\frac{1}{4}$ lks.

dist., marked X, B0 S32

No other suitable bearing trees available.

41.77 To point "B" of triangulation at top of E. rim of box canyon; thence by triangulation, giving approximate distances to topography.

50.00 Bottom of canyon, 200 ft. deep, drains SW.

74.30 Top of west breaks of canyon, 250 ft. above bottom, bears NE. and SW.

79.82 The cor. of secs. 29,30,31 and 32.

Land, rough mesa, broken by ledges and deep canyons with a general S. exposure and drainage.

Soil, shallow sandy loam and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, scattering black brush, oose, mountain rush and sagebrush.

Fair grazing.

West, on a random line bet. secs. 30 and 31.

25.66 Inaccessible sandstone butte ahead on line, to pass which I offset as follows:

South, 2.61 chs., then

West, 6.49 chs. on offset line, then

North, 2.61 chs. to true random line at

32.15 Thence, west on random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect W. bdy. of the Tp. 12 lks. N. of the true point

Subdivision of T. 25 S. R. 23 E.

Chains

for the cor. of secs. 25, 30, 31 and 36 heretofore described.

Thence

N. 89° 55' E., on true line bet. secs. 30 and 31.

Over broken mesa through scattering timber and undergrowth

4.30 Draw, 90 ft. deep, drains SE.; ascend abruptly over broken W. slope of spur.

15.40 Spur, 140 ft. above draw, projects S.; descend abruptly.

20.30 Draw, 50 ft. below spur, drains SW.; gradually ascend over broken surface rock.

40.20 On sandstone surface rock, mark a cross (X), over which set an iron post, 3 ft. long, 1 in. in dia., in a large mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

	S30
+	
	S31
	1924

From which,

A pinon, 10 ins. diam., bears N. 38° 15' E., 135 lks. dist., marked $\frac{1}{4}$ S 30 B T

A cedar, 4 ins. diam., bears S. 19° 30' W., 32 lks. dist., marked $\frac{1}{4}$ S 31 B T

18.05 To point on offset line around S. end of impassable sandstone butte about 200 ft. high; thence on offset 11 South, 2.61 chs., then

N. 89° 55' E., 6.49 chs., then

North, 2.61 chs. to true line at

54.54 Base of east side of sandstone butte, bears N. and S. Thence, N. 89° 55' E., on true line.

58.20 Sandstone outcropping, 20 ft. high, bears N. and S.

72.80 The S. point of an elongated sandstone butte, 250 ft. high, bears N. and S.

80.20 The cor. of secs. 29, 30, 31 and 32.

Land, broken by high sandstone ledges with a general southeasterly exposure and drainage...

Soil, shallow sandy loam mixed with loose sandstone;

3rd rate, ...

Undergrowth, scattering blackbrush, oase and mountain

brush. ...

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 29 and 30.

Over broken sandstone outcroppings through scattering timber and undergrowth.

40.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S30 | S29
1924

From which,

A pinon, 6 ins. diam., bears S. 30°45' E., 17 lks.

dist., marked $\frac{1}{4}$ S29 BT.

A cedar, 6 ins. diam., bears N. 7° W., 58 lks.

dist., marked $\frac{1}{4}$ S30 BT.

50.50 Spur, 40 ft. high, projects W.

60.30 Draw, 30 ft. deep, drains W.

80.00 On sandstone surfacerock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap marked.

T25S | R21E
S19 | S20
S30 | S29

1924

From which,

A pinon, 10 ins. diam., bears N. 49° E., 147 lks.

dist., marked T25S R21E S20 BT.

Subdivision of T. 22 S., R. 21 E.

Chains

enlarged

A pinon, 8 ins. diam., bears S. $41^{\circ}30'$ W., 213 lks.
dist., marked T25S R21E S30 BT.

A cedar, 4 ins. diam., bears N. 78° W., 73 lks.

dist., marked BT. Tree too scrubby for other marks.

No other suitable accessories available.

Land, broken surfacerock with a general southwesterly exposure and drainage.

Soil, shallow sandy loam in the depressions of the surfacerock; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

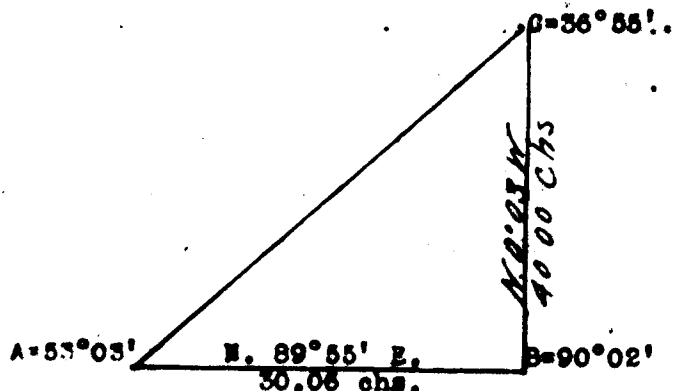
Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}55'$ E., on random line bet. secs. 20 and 29.

40.00 Set temp. sec. cor.

40.04 The N. breaks of mesa make chaining impracticable from this point, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line E. at the cor. of secs. 20, 21, 28 and 29. From flag "A" the $\frac{1}{2}$ sec. cor. secs. 20 and 21, which I designate as "C" subtends an angle of $53^{\circ}03'$ from flag "B". All bearings checked by direct reading of the solar and all angles checked by deflection



Distance on line =

Distance by triangulation =

50.04 chs.
30.06 chs.
80.10 chs.

AC.10 To point "B" of triangulation at the cor. of secs. 20, 21, 28 and 29.

Subdivision of T. 25 S., R. 21 E.

Chains

Thence, S. 89°55' W., on true line bet. secs. 20 and 29.

By triangulation over abrupt NE. breaks of mesa through scattering timber and undergrowth.

30.06 To point "A" of triangulation at top of mesa, 520 ft. above cor., bears NW. and SE.; thence over broken top of mesa.

40.05 On broken top of mesa.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S20 \\ \frac{1}{4} \\ \hline S29 \\ 1924 \end{array}$$

From which,

A pinon, 12 ins. diam., bears N. 8° E., 15 lks. dist., marked $\frac{1}{4}$ S20 BT.

A pinon, 6 ins. diam., bears S. 17°30' W., 48 lks. dist., marked $\frac{1}{4}$ S29 BT.

80.10 The cor. of secs. 19, 20, 29 and 30.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

S. 89°55' W., on random line bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.14 Intersect the W. bdy. of the township, 16 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is heretofore described.

Thence,

S. 89°55' E., on true line bet. secs. 19 and 30.

Subdivision of T₂₅ S₁₂ by R₂₅ E.

Chains

Over broken sandstone ledges through scattering undergrowth and timber.

- 4.90 Bottom of gulch, 50 ft. below cor., drains SE.
 29.20 The top of W. rim of gulch, bears N. and S.
 32.00 Bottom of gulch, 200 ft. deep, drains S.
 35.00 The E. rim of gulch, bears N. and S.
 40.14 On sandstone surface rock, mark a cross (X), over which
 Set an iron post, 3 ft. long, 1 in. diam., in a large
 mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S19 \\ \frac{1}{4} \\ S30 \end{array}$$

1924

From which,

A pinon, 12 ins. diam., bears S. $45^{\circ}45'$ E., 52 lks.
 dist., marked $\frac{1}{4}$ S30 BT.

A cedar, 6 ins. diam., bears N. 67° W., 25 lks.
 dist., marked $\frac{1}{4}$ S19 BT.

- 47.40 The top of W. rim of gulch, bears N. and S.
 48.80 Bottom of gulch, 150 ft. deep, drains S.
 50.40 The top of E. rim of gulch, bears N. and S.
 80.14 The cor. of secs. 19, 20, 29 and 30

Land, broken by ledges with a general southerly exposure
 and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain
 rush.

Timber, scattering scrub cedar and pinon.

Poor grazing.

N. $0^{\circ}03'$ W., bet. secs. 19 and 20.

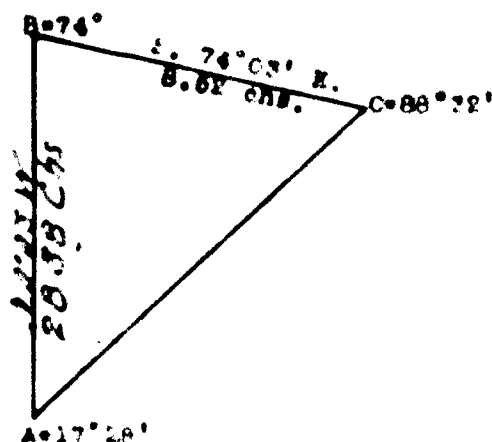
Over broken top of mesa through scattering undergrowth
 and timber.

- 20.72 The top of the NE. breaks of mesa, bears NE. and SE,
 over which I am unable to chain, I, therefore, determi

Subdivision of T. 25 S., R. 21 E.

Chains

the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", S. 74°05' E., 8.52 chs. dist., from which point, flags "AB" subtend an angle of 88°32'. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation

20.33 chs.

Distance on line

20.71 chs.

49.10 chs.

Distance by return measurement

9.10 chs.

40.00 chs.

40.00 On broken NE. slope of mesa, 410 ft. below top.

Set an iron post, 2 ft. long, 1 in. diam., 10 in. in the ground to bedrock and in a large mound of stone, for 1 sec. cor., with brass cap marked.

119 | 120
1924

From which,

A point on ledge, bears West, 4 lks. dist., marked

X RD 119.

No other suitable accessories available.

49.10 To point "N" of triangulation.

52.60 Telephone line, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

56.60 Wash, 40 lks. wide, 10 ft. deep, at base of mesa; mesa bears NW. and SE., wash drains SE.

58.15 The State Highway, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

Subdivision of T. 25 S., R. 21 E.

Chains

- 59.00 Base of abrupt ascent over broken SW. breaks of mesa, bears NW. and SE.
- 71.80 Gulch, 50 ft. deep, near head, drains SE.
- 80.00 On sandstone surfacerock, mark a cross (X); over which Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap marked.

T25S	R21E
S18	S17
S19	S20

1924

From which,

- A cedar, 6 ins. diam., bears N. 71°45' E., 89 lks. dist., marked BT.
- A cedar, 6 ins. diam., bears S. 78°30' E., 36 lks. dist., marked BT.
- A cedar, 8 ins. diam., bears S. 72° W., 62 lks. dist., marked BT.
- A cedar, 6 ins. diam., bears N. 32°45' W., 29 lks. dist., marked BT.

Trees too scrubby for other markings.

Land, broken by ledges with a general northeasterly exposure and southeasterly drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, oose and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

- N. 89°55' E., on random line bet. secs. 17 and 20.
- 40.00 Set temp. 1/4 sec. cor.
- 80.24 Intersect N and S line 4 lks. N. of the cor. of secs. 18, 17, 20 and 21. Thence S. 89°53' W., on true line bet. secs. 17 and 20.
- Descend gradually over broken S. slope of mesa through scattering timber and undergrowth.

Chains

40.18 On broken S. slope, 220 ft. below cor.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S17 \\ \frac{1}{4} \\ \hline S20 \end{array}$$

1924

From which,

A cedar, 12 ins. diam., bears S. 47° W., 43 lks.
dist., marked $\frac{1}{4}$ S20 BT.

A cedar, 10 ins. diam., bears N. $56^{\circ}30'$ W., 63 lks.
dist., marked $\frac{1}{4}$ S17 BT.

70.00 Wash, 10 lks. wide, 4 ft. deep, drains SE.

80.24 The cor. of secs. 17, 18, 19 and 20, 220 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken by ledges with a general southerly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

Timber, scattering scrub cedar and pinon.

Fair grazing.

N. $89^{\circ}58'$ W., on random line bet. secs. 18 and 19.

33.92 Left flag for triangulation point.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

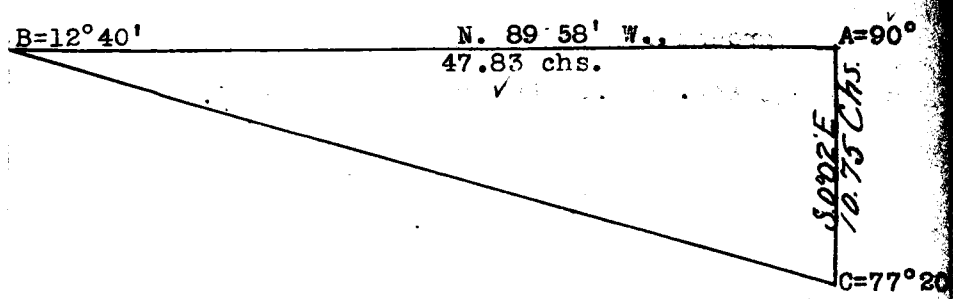
45.00 Base of broken NE. slope of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Return to the 33.92 chs. point which I designate as "A", and erect flag "B" on line to the W. From flag "A", measure base line, "AC", S. $0^{\circ}02'$ E., 10.75 chs. dist., from which point, flags "AB" subtend an angle of $77^{\circ}20'$. No longer base line could be obtained on account of the broken ledges to the N. and S. of line.

Subdivision of T. 25 S., R. 21 E.

Chains

English

All bearings checked by direct reading of the solar and
all angles checked by deflection.



Distance on line=	33.92 chs. ✓
Distance by triangulation=	47.83 chs. ✓
	81.75 chs. ✓
Distance by return measurement=	1.55 chs.
	80.20 chs. ✓

- 80.20 Intersect the W. bdy. of the township, 5 lks. N. of the true point for cor. of secs. 13, 18, 19 and 24, which is 40 lks. W. of the witness cor. to said secs., heretofore described.
Thence, from true point for cor.
East, bet. secs. 18 and 19.
By triangulation, over abrupt NE. slope of mesa through scattering undergrowth.
- .40 The witness cor. to the cor. of secs. 13, 18, 19 and 24.
- 35.20 Base of mesa, 420 ft. below cor. point, bears NW. and SE. thence by direct measurement.
- 36.20 Telephone line, bears NW. to Thompson, Utah, and SE. to Moab, Utah.
- 40.20 On broken NE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock and in a large mound of stone, for sec. cor., with brass cap marked.

S18
1/4
S19
1924

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

Subdivision of T.25 S., R.21 E.

Chains

No other suitable accessories available and soil is too loose for pits.

- 44.80 Wash, 40 lks. wide, 4 ft. deep, drains SE.; thence ascend gradually over broken SW. slope of mesa.
- 46.28 To point "A" of triangulation.
- 47.50 State highway, bears NW. to Thompson and SE. to Moab, Utah.
- 74.20 Spur, 200 ft. above wash, projects SW.; descend gradual S. slope.
- 79.20 Wash, 10 lks. wide, 4 ft. deep, drains SW.
- 80.20 The cor. of secs. 17,18,19 and 20, 60 ft. below spur. Land, broken NE. and SW. slopes of mesas; general drainage SE.
Soil, shallow sandy loam mixed with loose sandstone rock; 3rd. rate.
No timber.
Undergrowth, scattering black brush, oose and mountain rush.
Poor grazing.

N.0°03'W., bet. secs. 17 and 18.

Gradually ascend over broken S. slope of mesa through scattering timber and undergrowth.

- .50 Wash, 10 lks. wide, 4 ft. deep, drains SW.
- 39.00 Top of ascent on S. brink of top of mesa, 320 ft. above sec. cor., bears E. and W.; thence over rolling top of mesa.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 12 ins. in the ground to bedrock and in a large mound of stone for 7 sec. cor., with brass cap marked

$\frac{1}{2}$
 S18 | S17
 1924

From which,

A cedar, 8 ins.diam., bears S.72°30'E., 7 lks. dist., marked $\frac{1}{4}$ S 17 B T

Subdivision of T.25,S.,R.21 E.

Chains

A cedar, 6 ins.diam., bears S.86°30'W., 38 lks.
dist., marked ! S 18 B T

70.00 Head of box canyon, 150 ft. deep, bears N.5°E. and SW.;
precipitous descent over ledges down which I cannot
chain; to pass which I offset as follows:

East, 2.10 chs.

N.0°0'W., 10.00 chs., then

West, 1.80 chs. to

80.00 Point 50 lks. East of the true point for cor. of secs. 7,
8, 17 and 18. As the true point for cor. falls in in-
accessible E. break of canyon, at this point which is on
E. rim of canyon, I mark a cross (X) on surface rock,
over which,

Set an iron post, 3 ft. long, 2 ins. in dia., in a large
mound of stone for witness cor. to the cor. of secs.
7,8,17 and 18, with brass cap marked

	T25S	R21E
	S7	S8
WC	|	|
	S18	S17
	1924	

From which,

A cedar, 5 ins.diam., bears N.35°15'E., 72 lks.
dist., marked WC T25S R21E S8 BT

A cedar, 8 ins.diam., bears S.44°E., 108 lks.
dist., marked WC T25S R21E S17 BT

No other suitable accessories available.

Land, broken slopes and rolling top of mesa; general S.
exposure and drainage.

Soil, shallow, sandy loam and sandstone rock; 3rd. rate.

Timber, scattering scrub cedar and pinon.

Undergrowth, scattering black brush, goose and mountain
rush.

Fair grazing.

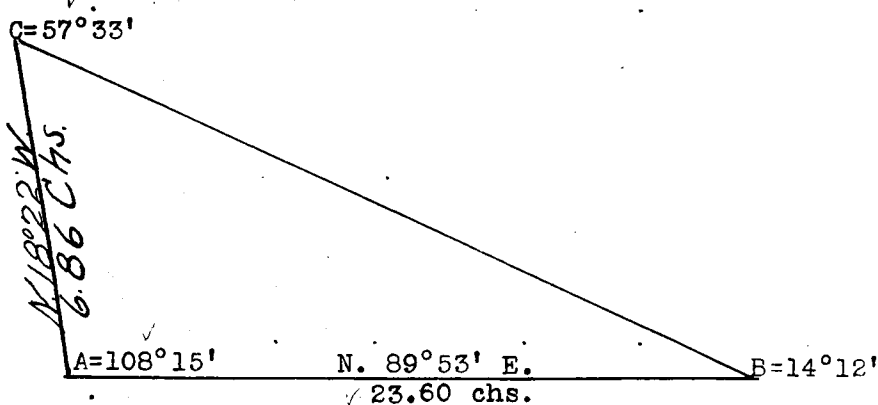
Subdivision of T. 25 S., R. 21 E.

Chains

to N. $89^{\circ}53'$ E., on random line bet. secs. 8 and 17,
 counting distances from the true point for the cor. of
 secs. 7, 8, 17 and 18.

34.67 Set temp. witness cor. to the $\frac{1}{2}$ sec. cor.

The E. and W. breaks of canyon make chaining to the E.
 of this point impracticable, I therefore determine the
 distance by triangulation as follows. Erect flag "A"
 at this point and flag "B" on line E. From flag "A",
 measure base line "AC", N. $18^{\circ}22'$ W., 6.86 chs. dist.
 from which point, flags "AB" subtend an angle of $57^{\circ}33'$.
 No longer base line could be obtained on account of
 breaks of canyon. All bearings checked by direct read-
 ing of the solar and all angles checked by deflection.



Distance on line =	34.67 chs.
Distance by triangulation =	23.60 chs.
	<u>58.27 chs.</u>

58.27 To point "B" of triangulation.

75.24 Offset as follows to avoid inaccessible breaks of mesa.

South, 1.24 chs.

N. $89^{\circ}53'$ E., 5.24 chs. to

80.24 The witness cor. to the cor. of secs. 8, 9, 16 and 17,
 which is S. $0^{\circ}03'$ E., 1.24 chs. from the true point
 for cor. of said secs.

Thence,

From the witness cor. to the cor. of secs. 8, 9, 16 and 17.

S. $89^{\circ}53'$ W., on offset line.

Over broken top of mesa through scattering undergrowth

5.24 Offset North, 1.24 chs. to true line, thence S. $89^{\circ}53'$ W., on
 true line bet. secs. 8 and 17.

Subdivision of T. 25 S., R. 21 E.

Chains

- 21.97 To point "B" of triangulation at top of E. rim of box canyon, bears NE. and SW.; thence by triangulation giving approximate distances to topography.
- 34.00 Bottom of canyon, 320 ft. deep, drains NE.; ascend abruptly over broken W. breaks of canyon.
- 40.12 Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible W. break of canyon where the cor. point cannot be reached.
- 45.57 To point "A" of triangulation at top of W. breaks of canyon, 320 ft. above bottom, bears NE. and SW.

At this point, on sandstone surfacerock, mark a cross (X) over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor. of secs. 8 and 17, with brass cap marked.

$$\begin{array}{c} \text{S8} \\ \frac{1}{4} \text{---} \text{WC} \\ \text{S17} \end{array}$$

1924

From which,

A point on sandstone ledge, marked WC X BO S8, bears N. 59° E., 32 lks. dist.

No other suitable accessories available.

79.74 The witness cor. to the cor. of secs. 7, 8, 17 and 18.

80.24 The true point for the cor. of secs. 7, 8, 17 and 18.

Land, broken by ledges with a general northeasterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

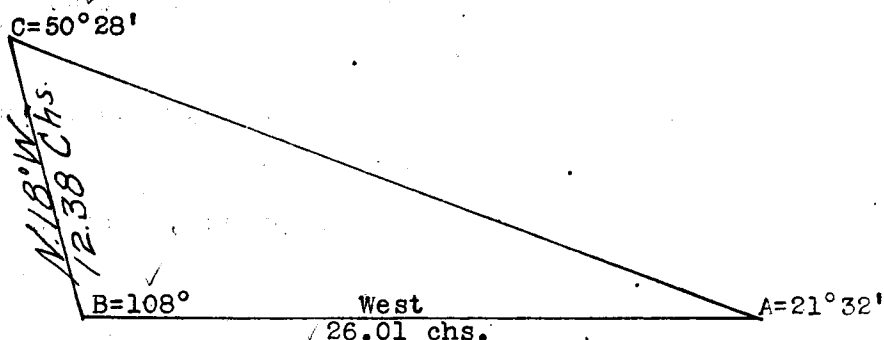
No timber.

Poor grazing.

Chains

West, on random line bet. secs. 7 and 18.

It being impossible to reach the true point for the cor. of secs. 7, 8, 17, and 18, I commence at the witness cor. to said secs. which is N. $89^{\circ}53'$ E. 50 lks. dist. from true point for cor. and determine the distance W. by triangulation as follows. Erect flag "A" at the witness cor. and flag "B" on line W. From flag "B", measure base line "BC", N. 18° W., 12.38 chs. dist. from which point, flags "AB" subtend an angle of $50^{\circ}28'$. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance by triangulation counting from the true point for cor. of secs. 7, 8, 17 and 18 = 25.51 chs.

Thence by direct measurement, counting distances from the true cor. point.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.94 Intersect the W. bdy. of the township, 21 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is heretofore described.

Thence,

S. $89^{\circ}51'$ E., on true line bet. secs. 7 and 18.

Ascend gradually over broken W. slope through scattering undergrowth.

6.00 State Highway, bears NW. to Thompson, Utah, and SE. to Moab, Utah.

34.00 Top of ascent, bears NW. and SE., 150 ft. above cor.; thence over broken top of mesa.

39.94 On sandstone surfacerock, mark a cross (X), over which:

Subdivision of T. 25 N., R. 21 E.

Chains

S118

Set an iron post, .3 ft. long, 1 in. diam, into large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marks

$$\begin{array}{r} 57 \\ + \\ 518 \\ \hline \end{array}$$

1924

No suitable accessories available.

54.43 To point "B" of triangulation; thence by triangulation, giving approximate distances to topography.

70.00 The W. rim of box canyon, bears N. and S.

75.00 The bottom of box canyon, 320 ft. deep, drains N.

79.94 The true point for the cor. of secs. 7, 8, 17 and 18. Land, broken by ledges with a general southwesterly exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone; 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain r sh.

No timber.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 7 and 8.

Over broken sandstone ledges through scattering undergrowth. As it is impossible to reach the true point for the cor.

of secs. 7, 8, 17 and 18, I commence at the witness cor. to said secs. which is N. $89^{\circ}53'$ E., 50 lks. dist. from the true cor. point, and run on offset line as follows.

As the line to the N. from this point passes over the broken E. breaks of canyon near top, over which I am

unable to chain, I determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" offset

on line to the N. From flag "A", measure base line,

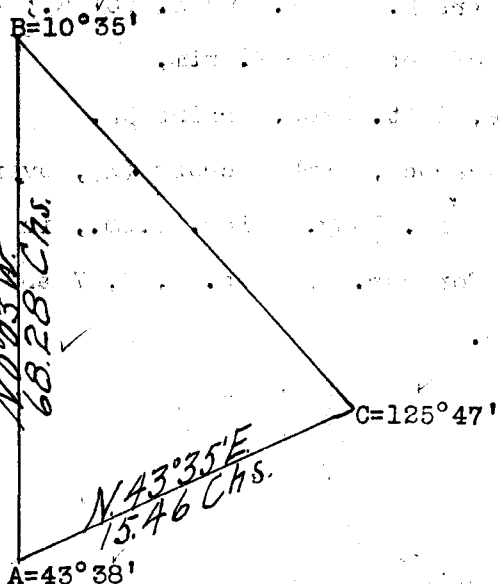
N. $43^{\circ}35'$ E., 15.46 chs. dist. and erect flag "C". From flag "C", flags "AB" subtend an angle of $125^{\circ}47'$. All

bearings checked by direct reading of the solar and

all angles checked by deflection.

Subdivision of T. 25 S., R. 21 E.

Chains



Distance by triangulation on offset line= 68.28 chs.

Thence West 50 lks. to true line.

Thence, S. 0°03' W. by return measurement 18.58 chs. to point on true line, 49.70 chs. N. 0°03' W. from the true point for the cor. of secs. 7, 8, 17 and 18.

Approximate distance to topography on true line.

Descend gradually along broken E. breaks of canyon, near bottom.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible E. breaks of canyon where the cor. point cannot be reached.

47.00 Bottom of canyon, 340 ft. deep, drains NE.; ascend broken W. breaks of canyon.

49.70 At base of ledge, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor. secs. 7 and 8, with brass cap marked.

$\frac{1}{4}$
 S7 | S8
 W | C
 1924

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Thence, by direct measurement.

68.28 To point of offset at top of W. breaks of canyon, 320 ft.

Subdivision of T. 25 S.; R. 21 E.

Chains

above bottom, bears N. 20° E. and S. 20° W.; thence over broken top of mesa near E. rim.

79.26 Wash, 30 lks. wide, 4 ft. deep, drains NE.

80.00 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 2 ins. diam., in a large mound of stone, for cor. of secs. 5, 6, 7 and 8, with brass cap marked.

T25S	R21E
S6	S5
S7	S8

1924

No suitable accessories available.

Land, broken by ledges with a general westerly exposure and northerly drainage.

Soil, shallow sandy loam in the depressions of the sandstone; 3rd rate.

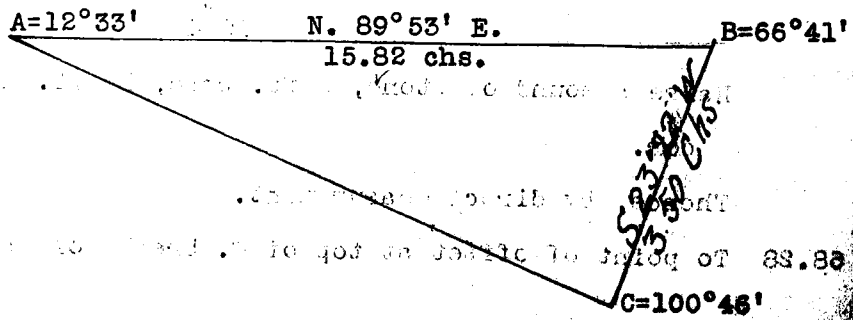
Undergrowth, scattering blackbrush, oose and mountain rush.

No timber.

Poor grazing.

N. 89°53' E., on random line bet. secs. 5 and 8.

5.78 Top of E. breaks of mesa over which I am unable to chain, I therefore determine the distance by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC" S. 23°12' W., 3.50 chs. dist., from which point, flags "AB" subtend an angle of 100°46'. No longer base line could be obtained on account of the ledges to the N. and S. of line. All bearings checked by direct reading of the solar and all angles checked by deflection.



Chains

Distance on line =	5.78 chs.
Distance by triangulation =	15.82 chs.
	<u>21.60 chs.</u>

21.60 To point of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the N. and S. line, 16 lks. N. of the cor. of
secs. 4, 5, 8 and 9.

Thence,

West, on true line bet. secs. 5 and 8.

Over rolling land through scattering undergrowth and timber.

17.50 Court House Wash, 50 lks. wide, 10 ft. deep, drains SE.

40.00 On rolling land.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S5
 $\frac{1}{4}$ ———
S8

1924

From which,

A cedar, 8 ins. diam., bears S. 81° E., 165 lks.
dist., marked $\frac{1}{4}$ S8 BT.

No other suitable accessories available and soil too
loose for pits.

53.00 Wash, 40 lks. wide, 10 ft. deep, drains NE.

55.00 Leave timber, bears NW. and SE.

58.40 Base of abrupt ascent over broken NE. slope of mesa,
bears NW. and SE.; thence by triangulation to top of
mesa.

74.22 To point "A" of triangulation at top of mesa, 350 ft.
above base, bears NW. and SE.; thence over broken top
of mesa.

78.00 Wash, 30 lks. wide, 4 ft. deep, drains NE.

80.00 The cor. of secs. 5, 6, 7 and 8.

Land, rolling on E. portion of mile with a general
southwesterly exposure and drainage; west portion of
mile is broken by ledges with a general northeasterly
exposure and drainage.

Subdivision of T. 25 E., R. 21 E.

Chains

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate.

Undergrowth, scattering black and sage brush, oose and
mountain rush.

Timber, scattering scrub cedar, pinon and cottonwood on
E. portion of mile.

Fair grazing.

N. 89°51' W., on random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.20 Intersect the W. bdy. of the township, 2 lks. N. of the
cor. of secs. 1, 6, 7 and 12, which is heretofore
described.

Thence,

S. 89°52' E., on true line bet. secs. 6 and 7.

Over broken top of mesa through scattering undergrowth.

40.03 As the true point for the $\frac{1}{4}$ sec. cor. falls on large
sandstone boulder where it is impracticable to set a
permanent cor., at this point on sandstone surfacerock,
mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a large
mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor.
secs. 6 and 7, with brass cap marked.

$$\begin{array}{c} S6 \\ \frac{1}{4} \text{---} WC \\ S7 \end{array}$$

1924

From which,

A point on sandstone boulder, marked WE X B0 S6 bears
N. 70° E., 2 lks. dist.

No other suitable accessories available.

40.20 Point for the $\frac{1}{4}$ sec. cor. No cor. set.

80.20 The cor. of secs. 5, 6, 7 and 8.

Land, broken top of mesa with a general northeasterly
exposure and drainage.

Soil, shallow sandy loam mixed with loose sandstone;
3rd rate,

Chains

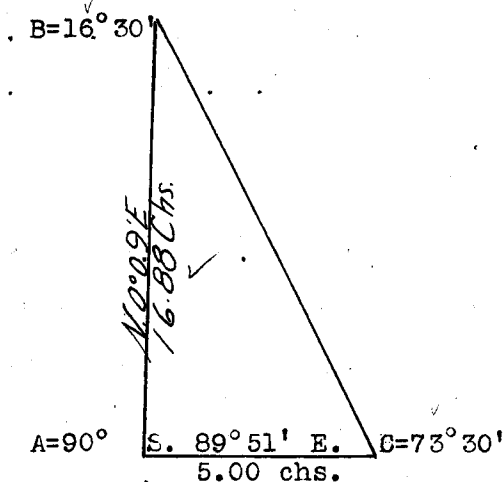
Undergrowth, scattering blackbrush, oose and mountain
rush.

No timber.

Fair grazing.

N. $0^{\circ}09'$ E., on random line bet. secs. 5 and 6.

22.29 Rim of box canyon over which I am unable to chain, I
therefore determine the distance by triangulation as
follows. Erect flag "A" at this point, and flag "B"
on line to the N. From flag "A", measure base line "AC",
S. $89^{\circ}51'$ E., 5.00 chs. dist., from which point,
flags "AB" subtend an angle of $73^{\circ}30'$. All bearings
checked by direct reading of the solar and all angles
checked by deflection.



Distance on line=	22.29 chs.
Distance by triangulation=	16.88 chs.
	<u>39.17 chs.</u>

39.17 To point "B" of triangulation.

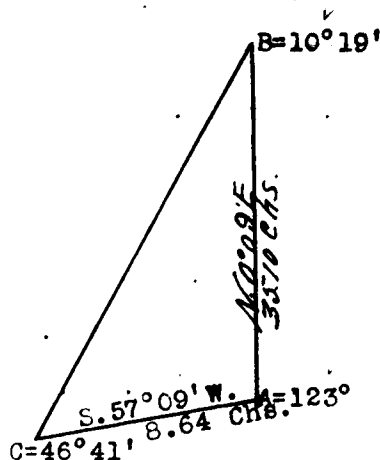
40.00 Set temp. $\frac{1}{4}$ sec. cor.

45.40 The breaks of Court House Wash make chaining to the N.

of this point impracticable, I therefore determine the
distance by triangulation as follows. Erect flag "A"
at this point and flag "B" on line to the N. at a point,
14 lks. W. of the cor. of secs. 5, 6, 31 and 32, on the
N. bdy. of the township, which is heretofore described.
From flag "A", measure base line, "AC", S. $57^{\circ}09'$ W.,
8.64 chs. dist., from which point, flags "AB" subtend

Chains

an angle of $46^{\circ}41'$. No longer base line could be obtained on account of the breaks of mesa. All bearings checked by direct reading of the solar and all angles checked by deflection.



Distance on line=	45.40 chs.
Distance by triangulation=	35.10 chs.
	<u>80.50 chs.</u>

80.50 To point "B" of triangulation on the N. bdy. of the township at a point 14 lks. W. of the cor. of secs. 5, 6, 7 and 8.

Thence,

S. $0^{\circ}15'$ W., on true line bet. secs. 5 and 6.

By triangulation, over broken sandstone ledges through scattering undergrowth, giving approximate distances to topography.

.50 Top of abrupt descent over broken N. breaks of Court House wash, bears NW. and SE.

10.50 Bottom of Court House Wash, 40 lks. wide, 10 ft. deep, 450 ft. below top of N. breaks, drains SE.; ascend broken S. breaks of wash..

35.10 To point "A" of triangulation at top of S. breaks of wash, 450 ft. above bottom, bears NW. and SE.; thence over broken top of mesa by direct measurement.

40.50 On sandstone surfacerock, mark a cross (X), over which: Set an iron post, 3 ft. long, 1 in. diam., in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision of T. 25 S., R. 21 E.

Chains

S6 S5

1924

No suitable accessories available.

41.33 To point "B" of triangulation at top of N. breaks of box canyon, bears NE. and SW.; thence by triangulation giving approximate distances to topography.

49.50 Bottom of box canyon, 220 ft. deep, drains NE.; ascend abruptly over inaccessible S. breaks of canyon.

58.21 To point "A" of triangulation at top of S. breaks of canyon, bears NE. and SW.; thence over broken top of mesa near E. rim.

80.50 The cor. of secs. 5, 6, 7 and 8.

Land, broken by high sandstone ledges and deep canyons, with a general northeasterly and southwesterly exposure and a southeasterly drainage.

Soil, shallow sandy loam in the depressions of the surfacerock, 3rd rate.

Undergrowth, scattering blackbrush, ooze and mountain rush.

No timber.

Fair grazing.

Meanders, T. 25 S., R. 21 E.

Meanders of the right bank of the Colorado River, down stream.

I commence at the meander cor. of secs. 19 and 24, on the E. bdy. of the township, heretofore described.

Thence, with meanders in sec. 24.

Through scattering timber and undergrowth.

N. 74°15' W., 9.90 chs. Bank 4 ft. high.

N. 48°45' W., 39.80 chs. At 5.00 chs., mouth of gulch from the NE.

N. 73° W., 15.20 chs.

E. 74°25' W., 8.60 chs.

S. 51° W., 10.30 chs.

Meanders, T. 25 S., R. 21 E.

Chains

81120

S. 24° W., 6.90 chs.

S. 7°53' W., 23.60 chs.: To meander cor. of secs. 24

25.

Land, river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattering willows.

Timber, scattering cottonwood.

Fair grazing.

Thence, in sec. 25.

Through scattering timber and undergrowth.

S. 14°30' W., 5.20 chs. Bank 4 ft. high.

S. 27° W., 4.80 chs.

S. 9°45' W., 3.30 chs. To the meander cor. of secs.

25 and 26.

Land, river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattering willows.

Timber, scattering cottonwood.

Good grazing.

Thence, in sec. 26.

Through scattering undergrowth and timber.

S. 24°45' W., 9.50 chs. Bank 5 ft. high.

S. 37°45' W., 3.30 chs.

S. 41°30' W., 5.40 chs.

S. 80°30' W., 3.48 chs.

S. 58° W., 62 lks.

N. 80°38' W., 3.02 chs.

N. 78°45' W., 5.00 chs.

N. 58°30' W., 4.50 chs.

N. 69°15' W., 17.40 chs.

West, 18.00 chs.

At 2.40 chs. the N. end of steel bridge across river over which the State Highway passes.

S. 88° W., 11.90 chs.

Chains

✓ N. 88°45' W., 8.50 chs. To the meander cor. of secs.
26 and 27.

Land, river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattering willows.

Timber, scattering cottonwood.

Fair grazing.

Thence, in sec. 27.

Through scattering timber and undergrowth.

✓ S. 76°35' W., 7.25 chs. Bank 4 ft. high.

✓ S. 80°30' W., 3.00 chs.

✓ S. 75° W., 6.50 chs.

✓ S. 58°45' W., 5.30 chs. The mouth of canyon from the N.

✓ S. 63°30' W., 6.00 chs.

✓ S. 50°30' W., 9.70 chs.

✓ S. 52°15' W., 1.40 chs.

✓ S. 39°45' W., 2.00 chs.

✓ S. 50°30' W., 5.10 chs.

✓ S. 31° W., 21.50 chs. At 16.00 chs. the mouth of
Court House Wash.

✓ S. 12°30' W., 14.60 chs.

✓ S. 1°30' W., 7.10 chs. To the meander cor. of secs.
27 and 34.

Land, river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattering willows.

Timber, scattering cottonwood.

Fair grazing.

Thence, in sec. 34.

Through scattering timber and undergrowth.

✓ South. 4.90 chs.

✓ S. 63° W., 5.30 chs.

✓ S. 11°30' W., 6.50 chs.

✓ South, 7.30 chs.

Meanders, T. 25 S., R. 21 E.

Chains

- S. $32^{\circ}30'$ E., 13.60 chs.
 S. $23^{\circ}45'$ E., 12.00 chs.
 S. 31° E., 18.80 chs.
 S. $40^{\circ}15'$ E., 26.90 chs. To the meander cor. of secs. 34, on the S. bdy. of the township.

Land, river bottom.

Soil, alluvial; 2nd rate.

Undergrowth, scattering willows.

Timber, scattering cottonwood.

Fair grazing.

From the meander cor. of sec. 31, on the S. bdy. of the township, which heretofore described.

Thence, with meanders in sec. 31.

Through scattering undergrowth and timber.

N. $81^{\circ}15'$ W., 13.20 chs. Bank, rocky base of mesa.

S. $81^{\circ}15'$ W., 13.20 chs. Mouth of canyon from the N. To the true point for the meander cor. of sec. 31 on S. bdy. of the township, which is 5.00 chs. E. of the witness cor. to said sec.

Land, rocky base of mesa.

Soil, rocky; 3rd rate.

Undergrowth, scattering blackbrush.

Timber, a few scattering cottonwood.

Poor grazing.

We found no trace of the corners set by Deputy Sickert on his traverse line through this township.

Closing errors, T. 25 S., R. 21 E.

Lines designated	True bearings	Dist- ances. Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
5th ST. P.S. R21E	East	240.00	.....	.....	240.00	.....
E. bdy. sec. 33	N.0°02'W.	80.00	80.00	.....	.....	.05
E. bdy. sec. 28	N.0°02'W.	80.00	80.00	.....	.....	.05
S. bdy. sec. 22	East	80.00	.....	.....	80.00	.....
S. bdy. sec. 23	East	80.00	.....	.....	80.00	.....
E. bdy. sec. 23	N.0°01'W.	80.00	80.00	.....	.....	.02
S. bdy. sec. 13	N.89°39'E.	80.50	.49	.....	80.50	.....
3. bdy. T25S R21E	North	240.00	240.00	.....	.....	.....
4. bdy. T25S R21E	West	480.20	.....	.....	.....	480.20
7. bdy. T25S R21E	South	480.46	.....	480.46	.....	.....
Convergency			.....	.....	.....	.47
			480.49	480.46	480.50	480.79
			480.46			480.50
			0.03			0.29

General Description, T. 25 S., R. 21 E.

The land within the boundaries of this township, consists of the broken tops of mesas with high inaccessible rims and breaks and cut by deep box canyons and gulches. The south portion of the township is broken by the high breaks of the right bank of the Colorado River. This river enters the township on the east boundaries of secs. 24 and 25, and flows in a southwesterly direction, leaving the township on the south boundary of sec. 34. From this point, the river flows in a westerly direction and a bend in the river enters the south portion of sec. 31. The river in most places is approximately 15 chains wide.

Court House Wash, which is in the bottom of a deep box canyon, enters the township on the north boundary of sec. 6, and drains in a southeasterly direction to the Colorado River.

A scattering growth of scrub cedar and pinon timber is found in most places throughout the township, and along the bottom of the Colorado River bed and the bottoms of the large washes, a scattering growth of cotton-wood timber is found. The only commerical value this timber has is for fencing and fire-wood.

The tops of the mesas and the bottoms of the draws

General Description, T. 25 S., R. 21 E.

and washes, a scattering undergrowth of blackbrush, ooze, mountain-rush and sand grass is found, which affords fair grazing for stock. In most places, the banks of the Colorado River is covered with a scattering undergrowth of willows.

The State Highway enters the township on the west boundary of sec. 7, and bears in a southeasterly direction from Thompson, Utah, to Moab, Utah. This road passes over a steel bridge across the Colorado River, in the north half of sec. 26. A telephone line from Moab, to Thompson bears in a southeasterly and northwesterly direction along the south side of the State Highway.

The township in general is suitable for grazing purposes and no portions of it could be farmed.

Outside the Colorado River, no water was found in the township.

No settlers were on the township at the time of the survey and no indications of mineral were found.

The magnetic declination was not taken on account of a defective needle.

FIELD ASSISTANTS.

NAMES

CAPACITY

Cleveland Hunter	1st Chainman
Pryor Wurtsbough	1st Chainman
Max M. Brown	2nd Chainman
Robert Reseigh	2nd Chainman
Charles Sleeper	Flagman
Jay Powell	Flagman
Nriah Butts	Cornerman
Merle Windburn	Cornerman

CERTIFICATE OF UNITED STATES SURVEYORS

Chas. F. Moore, and
 We, Willis W. Bandy, U. S. Surveyors, hereby certify upon honor that, in pursu-
 of special instructions received from the U. S. Surveyor General for Utah
 bearing date of the 28th day of July, 1923, we have well, faithfully, and
 in our own proper persons and in strict conformity with said instructions, the Manual of Surveying Instru-
 tions, and the laws of the United States, surveyed all those parts or portions of the north and west
boundaries; a portion of the east boundary; a portion of the Fifth
Standard Parallel South through Range 21 East; a portion of the
subdivision; and the meanders of the right bank of the Colorado
River through secs. 24, 25, 26, 27, 31 and 34, of T. 25 S., R. 21 E.
of the Salt Lake Basin

And the Meridian, in the State of Utah, which are represented
and date diagram on dates shown on said diagram
 the foregoing field notes/as having been executed by us, and under our directions, and that all the corners
 said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instru-
 tions, and the special written instructions of the U. S. Surveyor General for Utah
 and in the specific manner described in the field notes, and that the foregoing are the original field notes
 such survey. Certified to at:

Date April 23-1925
 Place Flagstaff Ariz
 Date March 10, 1925
 Place Turricane, Utah

Chas. F. Moore
Willis W. Bandy
 U. S. Surveyors
 APPROVAL.

SUPERVISOR OF SURVEYS,
 OFFICE OF THE UNITED STATES

July 31, 1923

The foregoing field notes of the survey of the north and west boundaries, a portion of the
east boundary, a portion of the Fifth Standard Parallel South through R. 21 E., a
portion of the subdivision, and the meanders of the right bank of the Colorado River
through Secs. 24, 25, 26, 27, 31 and 34, of T. 25 S., R. 21 E. of the Salt Lake Basin
and Meridian in the State of Utah

executed by Charles F. Moore and Willis W. Bandy in the capacity of U. S. Surveyors,
 under ~~the~~ special instructions dated July 28, 1923, having been
 critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
 they describe, are hereby approved.

Samuel H. Johnson
 U. S. Surveyor General
 Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in-
 has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

BOOK A-480

4-679

"A"

RECEIVED

OCT 28 1926
District Cadastral Engineer,
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

SOUTH AND EAST BOUNDARIES

AND

SUBDIVISION

AND

RECONSTRUCTION OF SECTION CORNERS ON WEST BOUNDARY

OF

TOWNSHIP 1 SOUTH, RANGE 15 WEST.

Of the SALT LAKE BASE AND Meridian,

the State of U T A H

EXECUTED BY

ANDREW NELSON, U.S. CADASTRAL ENGINEER.

~~the capacity of U.S. Surveyor~~, under instructions dated April 11, 1925 and
ly 28, 1925. and District Cadastral Engineer, respectively
ed by the United States Surveyor General to govern surveys included in
up No. 164, which were approved by the Commissioner of the General Land
ce, April 21, 1925 and Aug. 21, 1925, respectively.

signment and supp'l. assignment instructions dated May 6, 1925 and
ne 14, 1926, respectively.

Survey commenced October 2, 1925.

Survey completed July 15, 1926.

BOOK A-480

INDEX DIAGRAM.

Township 1 South, Range 15 West.

6	53	5	42	4	35	3	29	2	22	1
52		52		41		35		28		21
7	51	8	41	9	34	10	28	11	21	12
50		50		40		34		27		20
18	49	17	40	16	33	15	27	14	19	13
48		48		39		33		26		19
19	47	20	38	21	32	22	25	23	18	24
46		45		38		31		25		18
30	45	29	37	28	31	27	24	26	17	25
44		43		37		30		23		16
31	43	32	36	33	30	34	23	35	15	36
8		7		7		6		6		5

BOOK A-480

4-679 b

INDEX DIAGRAM.

Township 1 S., Range 15 W.

239	238	221	215	208		
238	238	227	221	214	207	200
237	227	220	214	206		
236	236	226	220	213	206	199
235	226	219	213	205		
234	234	225	219	212	205	198
233	224	218	211	205		
232	231	224	217	211	204	197
231	223	217	210	203		
230	229	223	216	209	202	196
229	222	216	209	202		
194	193	193	192	192	191	195

8-1017

Date Diagram of T. 1 South, Range 15 West

Date Diagram of T. 1 S., R. 15 W.

West Boundary Previous Survey	Salt	Lake	Base	Line	Range 15 W.	T. 1 N., R. 14 W.
	6	5	4	3	2	1
	7-15/26	7-15/26	7-13/26	7-13/26	7-13/26	7-9/26
	7	8	9	10	11	12
	7-15/26	7-15/26	7-12/26	7-11/26	7-10/26	7-9/26
	18	17	16	15	14	13
	7-15/26	7-14/26	7-12/26	7-11/26	7-10/26	7-9/26
	19	20	21	22	23	24
	7-14/26	7-14/26	7-12/26	7-11/26	7-10/26	7-8/26
	30	29	28	27	26	25
	7-14/26	7-14/26	7-12/26	7-11/26	7-10/26	7-8/26
	31	32	33	34	35	36
	7-14/26	7-12/26	7-11/26	7-10/26	7-8/26	
----- 10-2 /25 -----						
----- 10-3 /25 -----						

Surveyed by Andrew Nelson, U.S. Cadastral Engineer, during
1925 and 1926.

The survey of the south and east boundaries commenced Oct. 2, 1925, and of the subdivision commenced July 8, 1926; executed with Buff & Buff transit No. 9978, equipt with U shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests in assignment instruction dated May 6, 1925 and June 14, 1926.

The country over which the lines of this survey pass is level and open and all azimuth determinations were accomplished by observations made on Polaris, and the lines projected therefrom by double fore and back sights. I examine the adjustments of the transit and correct all errors.

Polaris Observations:

Sept. 12, 1925, at the closing corner of T. 1 $\frac{1}{2}$ S., R. 15 W. and T. 2 S., R. 16 W., (C.C. is 3.08 chs. dist. E. of the SW. cor. of T. 1 S., R. 15 W.) in approximate latitude 40° 41' N., longitude 113° 36' W., at 8h 43.3m p.m. by my watch which is 30.6m fast of local mean time, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a lath driven firmly in the ground $\frac{1}{2}$ mile N.

Azimuth of Polaris at eastern elongation = 1° 26' 54".

Oct. 2, 1925, at the closing cor. of Ts. 1 & 1 $\frac{1}{2}$ S., R. 15 W., in approximate latitude 40° 41' N., longitude 113° 29' W., at 7h 25.5m p.m. by my watch which is 31.2m fast of local mean time, I observe Polaris at eastern elongation, making four observations, two each

with the telescope in direct and reversed positions, and mark the point in the line thus determined by a lath driven firmly in the ground about $\frac{1}{2}$ mile N. Azimuth of Polaris at eastern elongation = $1^{\circ} 26' 45''$.

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin Standard steel tape one chain in length and found correct. The measurements are made on the slope, the vertical angle determined with clinometers, and the slope measurements properly reduced to true horizontal distances, which only appear in these notes.

METHOD AND ORDER OF PROCEDURE:

The south boundary is run East from the corner of township 1 south, ranges 15 and 16 west to an intersection with range line between ranges 14 and 15 west, as projected North from the corner of townships 1 & 2 south, range 14 west and townships $1\frac{1}{2}$ & 2 south, range 15 west; at point of intersection with range line the closing corner of townships 1 & $1\frac{1}{2}$ south, range 15 west is established. Fractional measurement is placed in western half mile.

The east boundary or range line between ranges 14 and 15 west is run North from the corner of Ts. 1 & 2 S., R. 14 W. and Ts. $1\frac{1}{2}$ & 2 S., R. 15 W. to intersection with the Salt Lake Base Line in range 14 west, where closing corner for T. 1 S., Rs. 14 and 15 W. is established. Double set of corners is set along this range line, one at regular intervals from the SE. corner of T. 1 S., R. 15 W., for E. bdy. of said township, and one at regular intervals from the SW. cor. of T. 1 S., R. 14 W. for W. bdy. of T. 1 S., R. 14 W. Fractional measurement is placed in northern half miles.

T. 1 S., R. 15 W.

The subdivision of the township was carried forth regularly from south to north and from east to west, closing sec. cors. were set on the north boundary which is the Salt Lake Base Line, and surveyed under this Group. Owing to the saline character of the soil the regular iron survey posts are substituted with dressed fir posts with gabled or wedge shaped top, 4 inches square 3 and 4 foot lengths, the top half of the posts are saturated with linseed oil. All the posts along the south and east boundaries and the one-quarter sec. cors. of the subdivision are 3 feet long, while the sec. cors. of the subdivision are 4 feet long. Glass deposits were used at the base of each and every post.

SURVEY OF SOUTH BOUNDARY T. 1 S., R. 15 W.

From the corner of T. 1 S., Rs. 15 and 16 W., (originally set for Ts. 1 & 2 S., Rs. 15 & 16 W.) thence East, on random line for distance only, along the S. bdy. of T. 1 S., R. 15 W., setting temp. $\frac{1}{4}$ sec. and sec. cors., and at 489.72 chs. intersect the W. bdy. of T. 1 S., R. 14 W., North, 55.52 chs. distance from the cor. of Ts. 1 & 2 S., R. 14 W. and Ts. $1\frac{1}{2}$ & 2 S., R. 15 W., recently established and described by me, see notes of W. bdy. T. 2 S., R. 14 W., this group. At point of intersection, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for closing cor. of Ts. 1 and $1\frac{1}{2}$ S., R. 15 W., marked

CC R15W and 6 grooves on W.,
T1S S36 and 6 grooves on N., and
T $1\frac{1}{2}$ S S36 and 6 grooves on S. face.

Deposit a quart of glass at base of monument.

Dig pits, 18x18x12 ins., on each line: N. and S., 3 ft., and W. of post, 8 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Corner stands on nearly flat ground on top of sandy, clay

South Boundary of T. 1 S., R. 15 W.

Chains

hills or rises, in dense short brush.

Section houses at Barro, on the W.P. R.R., bear N.9°32'E. and N.9°38'E.; high peak of Newfoundland Mountain, bears N. 10° 01' E.; twin nipples on Wildcat mountain, bear S.28°21'E.; Pilot Peak (S. end) bears N.53°30'W., and high point on Floating Island, bears N.27°25'W.

Thence

West, on true line, along S. bdy. T. 1 S., R. 15 W., bet. secs. 36 and 36.

Over gently rolling top of low sandy, clay hills or rises, through dense short brush.

29.50 W. base of hills, enter clay flat with scattered brush, bears N. 30° E., and S.20°E.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked

$\frac{1}{2}$ S36 on N., and
S36 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 35, 36, 35 and 36, marked

T1S S36 on NE.,
S36 on SE.,
T1&S S35 on SW., and
R15W S35 on NW. face; with 1 notch on
E. and 5 notches on W. edge.

Dig pits, 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat on W. 50 $\frac{1}{2}$ chs.; gently rolling sandy, clay hills or rises, about 40 ft. high, on E. 29 $\frac{1}{2}$ chs.

Soil, wet, sticky, white clay on flat; mixed sandy clay on rises.

Undergrowth, scattered salt brush on flat; dense shadscale salt brush and greasewood on rises.

South Boundary of T. 1 S., R. 15 W.

Chains

West, bet. secs. 35 and 35.

Over level land, through scattered salt brush.

6.20 E. base of low sand hill, bears NW. and SE.; thence across
N. point of hill extending southerly.

21.60 W. base of hill, bears NE. and SW.; reenter level alkali
flat.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S35 on N., and
S35 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of
monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for cor. of secs. 34, 35, 34 and 35, mkd.

T1S S3 5 on NE.,
S35 on SE.,
T1 $\frac{1}{2}$ S S34 on SW., and
R15W S34 on NW face; with 2 notches on
E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat, with low sandy hill on E. end.
Soil, wet, sticky white clay.

Undergrowth, scattered salt brush.

West, bet. secs. 34 and 34.

Over level alkali flat through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S34 on N., and
S34 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

South Boundary of T. 1 S., R. 15 W.

Chains

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 33, 34, 33 and 34, marked . T1S S34 on NE.,
S34 on SE.,
T1S S33 on SW., and
R15W S33 on NW face; with 3 notches on E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level flat.

Soil, moist, sticky white clay.

Undergrowth, scattered salt brush.

West, bet. secs. 33 and 33.

Over level alkali flat, through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked

$\frac{1}{2}$ S33 on N., and
S33 on S face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 32, 33, 32 and 33, marked

T1S S33 on NE.,
S33 on SE.,
T1S S32 on SW., and
R15W S32 on NW. face; with 4 notches on E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, damp, sticky clay with thin layers of gypsum.

Undergrowth, scattered salt brush.

West, bet. secs. 32 and 32.

Over level flat through scattered brush.

South Boundary of T. 1 S., R. 15 W.

Chains	
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p style="text-align: center;">$\frac{1}{4}$ S32 on N., and S32 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 31, 32, 31 and 32, marked</p> <p style="text-align: center;">T1S S32 on NE., S32 on SE., T1$\frac{1}{2}$S S31 on SW., and R15W S31 on NW. face; with 5 notches on E. and 1 notch on W. edge.</p> <p>Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat.</p> <p>Soil, damp, sticky clay with gypsum.</p> <p>Undergrowth, few scattered salt brush.</p>
	<hr/> <p>West, bet. secs. 31 and 31.</p> <p>Over level flat with few scattered brush.</p>
20.00	<p>Leave all vegetation, bears N. and S.</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p style="text-align: center;">$\frac{1}{4}$ S31 on N. and S31 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
86.64	<p>The closing cor. of T. 1$\frac{1}{2}$ S., R. 15 W. and T. 2 S., R. 16 W., as recently established by me under this group, for description see notes of W. bdy. Ts. 1$\frac{1}{2}$ & 2 S., R. 15 W.</p>
89.72	<p>Intersect the cor. of T. 1 S., Rs. 15 and 16 W., heretofore described by me in notes of this group.</p> <p>Land, level alkali, mud flat.</p> <p>Soil, wet, sticky, seamed white clay.</p> <p>Undergrowth, few scattered salt brush E. and of mts.</p>

North Boundary of T. 1 S., R. 14 W.

Chains

- From the corner of Ts. 1 & 2 S., R. 14 W. and Ts. $1\frac{1}{2}$ & 2 S., R. 15 W. which is a fir post, 4 ins. square, showing 8 ins. above ground, as recently established by me in surveys under this group. (see notes of W. bdy. T. 2 S., R. 14 W.) I run North on the range line between ranges 14 and 15 W. to intersection with the Salt Lake Base line, setting a double set of corners, one at regular intervals of 40.00 chs. for the W. bdy. of T. 1 S., R. 14 W. and one at regular intervals of 40.00 chs. from the closing corner of Ts. 1 & $1\frac{1}{2}$ S., R. 15 W. for the east boundary of T. 1 S., R. 15 W.
- Thence
- North, along W. bdy. sec. 31, T. 1 S., R. 14 W. and on E. bdy. sec. 36, T. $1\frac{1}{2}$ S., R. 15 W.
- Over level land through scattered brush.
- 14.50 Leave level flat, enter low, rolling hills with dense short brush, bears N. 30° W. and S. 20° E.: asc. S. exposure.
- 28.00 Top of hill, 50 ft. high, bears NW. and SE.: descend NE. exposure.
- 35.00 Enter clay basin, bears NW. and SE.: thence across narrow flat or basin in hills extends NW. for 10 chs. to end, and bears SE.
- 40.00 In bottom of clay basin,
Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 31 and 36, marked
 $\frac{1}{4}$ S36 on W., and
S31 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 41.00 Leave clay basin, reenter low rolling hills, bears W. and SE.; gently ascend to closing cor.
- 55.52 Intersect the closing corner of Ts. 1 and $1\frac{1}{2}$ S., R. 15 W., heretofore described in these notes. Continue North along W. bdy. sec. 31, T. 1 S., R. 14 W. and on E. bdy. of T. 1 S., R. 15 W., sec. 36.

West Boundary of T. 1 S., R. 14 W.

Chains

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for cor. secs. 30 and 31, T. 1 S., R. 14 W., marked

T1S S30 on NE., and
R14W S31 on SE. face; with 1 notch on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

Corner stands on gentle N. exposure of sandy hill.

Land, low rolling sandy clay hills on most of mile.

Soil, loose sandy clay mixed; clay on S. end mile.

Undergrowth, dense short shadscale, salt brush and few greasewood.

North, on W. bdy. sec. 30.

Over gently rolling N. exposure of low hill through dense short brush; sandy clay soil.

7.00 Leave hills, enter level clay flat, bears S. 70° E. and S. 60° W., continue through scattered brush.

15.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, T. 1 S., R. 15 W., marked $\frac{1}{4}$ S36 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 30, T1S., R. 14 W., marked $\frac{1}{4}$ S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

55.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 25 and 36, T. 1 S., R. 15 W., marked T1S S36 on SW., and R15W S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

West Boundary of T. 1 S., R. 14 W.

Chains

Dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.
of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for cor. of secs. 19 and 30, T.1 S., R. 14
W.; marked T1S S19 on NE., and
R14W S30 on SE face; with 2 notches
on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat, except on S. 7 chs. which is
N. slope of low sandy hill.

Soil, white seamed clay, damp and saturated with mineral.
Undergrowth, scattered salt brush.

North, on W. bdy. sec. 19.

Over level alkali flat through scattered brush.

15.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the
ground; for $\frac{1}{4}$ sec. cor. of sec. 25, T.1 S., R.15 W.,
marked $\frac{1}{4}$ S25 on W. face.

Dig pits, 18x18x12 ins.; N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 19, T.1 S., R.14 W.,
marked $\frac{1}{4}$ S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor. Deposit a quart of glass at base of monument.

55.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the
ground, for cor. of secs. 24 and 25, T.1 S., R. 15 W.
marked T1S S25 on SW., and
R15W S24 on NW. face; with 2 notches on
S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.

12

West Boundary of T. 1 S., R. 14 W.

Chains	<p>of cor. Deposit a quart of glass at base of monument.</p> <p>Center of west section house at Barro on W. P. R.R., bears N.39°36' E., and east house bears N.40°50'E., approximately 55 chs. dist.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 18, 19, T. 1 S., R. 14 W., marked T1S S18 on NE., and R14W S19 on SE. face; with 3 notches on N. and S. edges.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, E. of cor. Deposit a quart of glass at base of monument.</p> <p>The two section houses at Barro bears as follows: N. 64½°E., and N.65°7' E., about ½ mile distant.</p> <p>Land, level alkali flat.</p> <p>Soil, damp, sticky white clay.</p> <p>Undergrowth, scattered salt brush.</p>
	<hr/> <p>North, on W. bdy. sec. 18.</p> <p>Over level flat through scattered brush.</p>
15.52	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor. of sec. 24, T.1 S., R.15 W., marked ¼ S24 on W. face;</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of monument.</p>
16.56	Postal Telegraph line, parallel with railroad.
17.77	<p>Western Union Telegraph line, parallel with railroad;</p> <p>mile post No. 835 bears westerly 3½ chs. distant.</p>
18.49	Center of main line track of the Western Pacific Railroad bears N.88°14' W. and S.88°14'E.
18.72	Side track of railroad, bears same.
20.28	Victory Highway, parallel to railroad.
3643	Mt. States Tel. & Tel. line, parallel to railroad.
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor. of sec. 18, T.1 S., R.14 W., marked ¼ S18 on E. face.</p>

West Boundary of T. 1 S., R. 14 W.

Chains

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

55.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 13 and 24, T.1 S., R.15 W., marked T1S S24 on SW., and R15W S13 on NW. face; with 3 notches on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

63.00 S. base of low sandy rise, bears about E. for 2 chs. and W. 1 ch. to ends.

65.50 N. base of same, bears E. and W.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 7 and 18, T.1 S., R.14 W., marked T1S S7 on NE., and R14W S18 on SE. face; with 4 notches on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

Land, level alkali and mud flat.

Soil, white seamed clay, mixed with some sand, wet and saturated with mineral.

Undergrowth, scattered salt brush.

North, on W. bdy. sec. 7.

Over level alkali flat through very scattered brush.

15.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13, T.1 S., R.15 W., marked $\frac{1}{4}$ S13 on W. face; dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, T.1 S., R.14 W.,

West Boundary of T. 1 S., R. 14 W.

Chains	
	marked $\frac{1}{4}$ S7 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.
55.52	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 12 and 13, T. 1 S., R. 15 W.
	marked T1S S12 on SW., and R15W S1 on NW. face; with 4 notches on S. and 2 notches on N. edge.
	Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 6 and 7, T. 1 S., R. 14 W.,
	marked T1S S6 on NE., and R14W S7 on SE face; with 5 notches on S. and 1 notch on N. edge.
	Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.
	Land, level alkali flat.
	Soil, wet, sticky clay.
	Undergrowth, very scattered salt brush.
<hr/>	
	North, on W. bdy. sec. 6.
	Over level flat through scattered brush.
15.52	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, T. 1 S., R. 15 W.,
	marked $\frac{1}{4}$ S12 on W. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 6, T. 1 S., R. 14 W.,
	marked $\frac{1}{4}$ S6 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

West Boundary of T. 1 S., R. 14 W.

Chains

55.52 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 1 and 12, T.1 S., R.15 W., marked T1S S12 on SW., and R15W S1 on NW. face; with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

84.56 Intersect the Salt Lake Base Line, R. 14 W., on S. bdy. sec. 31, East, 7.87 chs. dist. from the standard cor. of T. 1 N., Rs: 14 and 14 $\frac{1}{2}$ W., which is a fir post, 4 ins. square, recently established by me under this group, for description see notes of base line, R. 14 W. At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for closing cor. of T. 1 S., Rs. 14 and 15 W.,

marked CC T1S on S., R14W S6 on E., and R15W S1 on W. face; with 6 grooves on E., W. and S. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a quart of glass at base of monument.

Note: At a point West, 55.92 chs. (SW. cor. T.1 N., R.14 $\frac{1}{2}$ W.) dist. from the above closing cor. the Salt Lake Base Line makes an offset to the north of 50.27 chs. dist. to the SE. cor. of T.1 N., R.15 W.

Land, level alkali flat; few small scattered sandy rises on both sides of line on northern portion of mile.

Soil, wet, sticky clay, saturated with mineral, mixed with some sand.

Undergrowth, scattered short salt brush.

SUBDIVISION OF T. 1 S., R. 15 W.

From the cor. of secs. 35, 36, 35 and 36, on S. bdy. of T. 1 S., R. 15 W., heretofore described.

SUBDIVISION OF T. 1 S., R. 15 W.

Chains

N. 6°01' W., bet. secs. 35 and 36.

Over level alkali flat, through scattered brush.

34.00 Leave clay flat, enter sandy rise or low rolling hills,
10 to 20 ft. high, bears nearly E. and W.; continue
over loose sandy ground with heavier brush.

40.00 On top of sandy rise,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S35 on W., and
S36 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

79.50 N. base of sandy rise, enter clay flat, bears N.70°W. and
SE.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 25, 26, 35 and 36, marked

T1S S25 on NE.,
R15W S36 on SE.,
S35 on SW., and
S26 on NW. face; with 1 notch on
S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat and low sandy rises, from 5 to
20 ft. high.

Soil, heavy, wet clay mixed with sand on flat; loose
sandy mixed with some clay on rises.

Undergrowth, salt brush, shadscale and few tall greasew
wood.

East, on a random line bet. secs. 25 and 36.

41.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect E. bdy. of tp., 7 lks. N. of the cor. of secs.
25 and 36, heretofore described.

Thence

N. 89°57' W., on true line bet. secs. 25 and 36.

Over level flat through scattered brush.

39.98 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S25 on N., and
S36 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 25, 26, 35 and 36.

Land, level flat.

Soil, damp, heavy clay, mixed with some sand.

Undergrowth, scattered salt brush, about 1 ft. high.

N. 0°01' W. bet. secs. 25 and 26.

Over level alkali land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on W., and
S25 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked

T1S S24 on NE.,
R15W S25 on SE.,
S26 on SW., and
S23 on NW. face; with 2 notches on
S. and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, heavy, wet, gray clay.

Undergrowth, scattered salt brush.

Subdivision of T. 1 S., R. 15 W.

Chains

S. $89^{\circ}57'$ E., on a random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect E. bdy. of tp., 5 lks. N. of the cor. of secs.
24 and 25, heretofore described.

Thence

N. $89^{\circ}55'$ W., on true line bet. secs. 24 and 25.

Over level land through scattered brush.

39.99 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S24 on N., and
S25 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.98 The cor. of secs. 23, 24, 25 and 26.

Land, level alkali flat.

Soil, wet, heavy clay.

Undergrowth, scattered salt brush about 1 ft. high.

N. $0^{\circ}01'$ W. bet. secs. 23 and 24.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S23 on W., and
S24 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

43.35 Postal telegraph line, parallel to railroad.

44.69 Western Union telegraph line, parallel to railroad; mile
post 834 bears westerly approximately $3\frac{1}{2}$ chs. dist.

45.30 Center of Western Pacific railroad track, bears N. $88^{\circ}15'$
W. and S. $88^{\circ}15'$ E.

47.10 Center of Victory Highway, parallel to railroad.

63.19 Mt. States Tel. & Tel. line, parallel to railroad.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in

Subdivision of T. 1 S., R. 15 W.

Chains

the ground, for cor. of secs. 13, 14, 23 and 24, marked

T1S S13 on NE.,
R15W S24 on SE.,
S23 on SW., and
S14 on NW. face; with 3 notches on
S. and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, heavy, sticky clay.

Undergrowth, scattered short salt brush.

S. $89^{\circ}55'$ E., on a random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.03 Intersect E. bdy. of tp., 2 lks. N. of the cor. of secs.
13 and 24, heretofore described.

Thence

N. $89^{\circ}54'$ W., on true line bet. secs. 13 and 24.

Over level land through scattered brush.

40.01 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S13 on N., and
S24 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.03 The cor. of secs. 13, 14, 23 and 24.

Land, level alkali desert.

Soil, heavy, wet clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}01'$ W., bet. secs. 13 and 14.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S14 on W., and
S13 on E. face.

Subdivision of T. 1 S., R. 15 W.

Chains

- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked
- T1S S12 on NE.,
R15W S13 on SE.,
S14 on SW., and
S11 on NW. face; with 4 notches on S. and 1 notch on E. edge.
- Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali flat.
- Soil, heavy, wet, sticky white clay.
- Undergrowth, scattered short salt brush.
-
- S. $89^{\circ}54'$ E., on a random line bet. secs. 12 and 13.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.05 Intersect E. bdy. of tp., 2 lks. N. of the cor. of secs. 12 and 13, heretofore described.
- Thence
- N. $89^{\circ}53'$ W., on true line bet. secs. 12 and 13.
- Over level land through scattered brush.
- 40.02 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S12 on N., and
S13 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.05 The cor. of secs. 11, 12, 13 and 14.
- Land, level alkali desert.
- Soil, heavy, wet clay, with thin layers of gypsum, brine 3 ft. under surface.
- Undergrowth, scattered salt brush.
-

Subdivision of T. 1 S., R. 15 W.

Main

N. 0°01' W., bet. secs. 11 and 12.

Over level alkali flat through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S11 on W., and
S12 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of post.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked

T1S S1 on NE.,
R15W S12 on SE.,
S11 on SW., and
S2 on NW. face; with 5 notches on S. and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush.

S. 89°53' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect E. bdy. of tp., at the cor. of secs. 1 and 12, heretofore described.

Thence

N. 89°53' W., on true line bet. secs. 1 and 12.

Over level alkali land through scattered brush.

40.02 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S1 on N., and
S12 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

Corner stands on top of sandy rise, 10 ft. high, extends

Subdivision of T. 1 S., R. 15 W.

Chains	
	E. and W. of cor. about $1\frac{1}{2}$ chs. dist., and about 3 chs. each N. and S.
80.04	The cor. of secs. 1, 2, 11 and 12. Land, level alkali flat, few small, scattered sandy rises in eastern portion of mile. Soil, wet, sticky clay, mixed with some sand. Undergrowth, scattered salt brush.
	N. 0°01' W. on true line bet. secs. 1 and 2. Over level land through scattered brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S2 on W., and S1 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
79.06	Intersect the Salt Lake Base Line, R. 15 W., on S. bdy. sec. 36, West, 24.15 chs. dist. from the standard cor. T. 1 N., R. 15 W., which is a fir post, 4 ins. square, recently established by me under this group, for description see notes of the base line in range 15 W. At point of intersection, Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for closing cor. of secs. 1 and 2, marked CC T1S R15W on S., S1 on E., and S2 on W. face; with 6 grooves on S., 1 groove on E. and 5 grooves on W. face. Dig pits, 18x18x12 ins., on each line, E. and W. of post, 3 ft. dist., and S. 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a quart of glass at base of monument. Land, level alkali flat. Soil, wet, sticky clay, mixed with some sand. Undergrowth, scattered salt brush.

Subdivision of T. 1 S., R. 15 W.

Chains

From the cor. of secs. 34, 35, 34 and 35, on S. bdy. of tp., heretofore described.

Thence

N. $0^{\circ} 02'$ W., bet. secs. 34 and 35.

Over level alkali flat through scattered brush.

18.00 Leave clay flat, enter low sandy rise, 10 ft. high, bears N. 70° W. and S. 70° E.

33.00 Leave same, reenter clay flat, bears nearly E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S34 on W., and
S35 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked

T1S S26 on NE.,
R15W S35 on SE.,
S34 on SW., and
S27 on NW. face; with 1 notch on
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high, W.

of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat with a low sandy rise in S. $\frac{1}{2}$ mile.

Soil, wet, sticky clay mixed with some sand; loose sandy clay on rise.

Undergrowth, scattered salt brush; heavier on rise.

East, on a random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.95 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence

N. $89^{\circ} 59'$ W., on true line bet. secs. 26 and 35.

Subdivision of T. 1 S., R. 15 W.

Chains

Over level land through scattered brush. Along N. edge of low sandy rise to S. of line.

8.00 The sandy rise, bears SW. and S.80°E.

39.97 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on N., and
S35 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument

71.20 Leave clay flat, enter sandy rise, bears NW. and SE.

79.95 The cor. of secs. 26, 27, 34 and 35, at W. base of sandy rise, bears NW. and S.30°E.

Land, level flat with low sandy rises, 5 to 10 ft. high.

Soil, wet clay mixed with sand on flat; loose sand and sandy clay on rises.

Undergrowth, scattered salt brush; heavier on rises.

N. 0°02' W., bet. secs. 26 and 27.

Over gently rolling sandy rise through medium heavy brush rise extends NW. and SE.

16.00 Leave sand rise, enter clay flat, bears NW. and SE.; thence across W. end of flat.

24.00 Leave flat, enter same sandy rise, bears NE. and SW.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S27 on W., and
S26 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument

Cor. stands on top of sandy rise.

48.00 Leave sandy rise, enter clay flat, bears N.60°W. and SE.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked

T1S S23 on NE.,
R15W S26 on SE.,
S27 on SW., and
S22 on NW face; with 2 notches on

Subdivision of T. 1 S., R. 15 W.

Chains

S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level flat and low, rolling sandy rises, 5 to 15 ft. high.

Soil, damp clay mixed with some sand, and loose mixed sandy clay.

Undergrowth, scattered to medium dense, short salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the cor. of secs. 23, 24, 25 and 26.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 23 and 26.

Over level desert land through scattered brush.

39.95 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S23 on N., and
S26 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.90 The cor. of secs. 22, 23, 26 and 27.

Land, level alkali flat.

Soil, heavy, wet, sticky clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ W., bet. secs. 22 and 23.

Over level alkali flat, very scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S22 on W., and
S23 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

Subdivision of T. 1 S., R. 15 W.

Chains

- 45.80 Postal telegraph line, parallel to railroad.
- 47.03 Western Union telegraph line, parallel to railroad; mile post number 833 is on 2nd pole westerly.
- 47.72 Center of main line track of Western Pacific railroad, bears N.88°15'W. and S.88°15'E.
- 49.50 Victory Highway, parallel to railroad.
- 65.50 Mt. States Tel. & Tel. line, parallel to railroad.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked

T1S S14 on NE.,
 R15W S23 on SE.,
 S22 on SW., and
 S15 on NW. face; with 3 notches on S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, heavy clay.

Undergrowth, scattered salt brush.

S. 89°59' E., on a random line bet. secs. 14 and 23.

40.00 Set temp. ¼ sec. cor.

79.93 Intersect the cor. of secs. 13, 14, 23 and 24.

Thence

N. 89°59' W., on true line bet. secs. 14 and 23.

Over level land through scattered brush.

39.96½ Set a fir post; 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S14 on N., and
 S23 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.93 The cor. of secs. 14, 15, 22 and 23.

Land, level alkali flat; surface slightly uneven.

Soil, gray, sticky clay; streaked with layers of gypsum.

Undergrowth, scattered salt brush, 1 ft. high.

Subdivision of T. 1 S., R. 15 W.

Chains

N. $0^{\circ}02'$ W., bet. secs. 14 and 15.

Over level alkali flat through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S15 on W., and
S14 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked

T1S S11 on NE.,
R15W S14 on SE.,
S15 on SW., and
S10 on NW. face; with 4 notches on S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, sticky grayish clay.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.95 Intersect the cor. of secs. 11, 12, 13 and 14.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 11 and 14.

Over level land through scattered brush.

39.97 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S11 on N., and
S14 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.95 The cor. of secs. 10, 11, 14 and 15.

Subdivision of T. 1 S., R. 15 W.

Chains

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ E., bet. secs. 10 and 11.

Over level flat through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S10 on W., and
S11 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked

T1S S2 on NE.,
R15W S11 on SE.,
S10 on SW., and
S3 on NW. face; with 5 notches on
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.;

and raise a mound of earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of monument

Land, level alkali desert.

Soil, wet sticky clay and sandy clay.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 1, 2, 11 and 12.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 2 and 11.

Over level flat through scattered brush.

9.00 Leave flat, E. base of low sandy rise, bears N. and SW.

15.00 W. base of rise, reenter clay flat, bears N. and S.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

Subdivision of T. 1 S., R. 16 W.

Chains

$\frac{1}{4}$ S2 on N., and
S11 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

48.00 Cross S. end of low sandy rise, extending N.

80.00 The cor. of secs. 2, 3, 10 and 11.

Land, level flat with few scattered low sandy rises, few
ft. high.

Soil, clay and sandy clay, wet and sticky.

Undergrowth, scattered salt brush.

N. 0°02' W., on true line bet. secs. 2 and 3.

Over level alkali desert through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on W., and
S2 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

79.02 Intersect the Salt Lake Base Line, R. 15 W., West, 24.18
chs. dist. from the standard cor. of secs. 35 and 36,
which is a fir post, 4 ins. square, recently established
and described by me under surveys of this group.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the
ground, for closing cor. of secs. 2 and 3, marked

CC T1S R15W and 6 grooves on S.,
S2 and 2 grooves on E., and
S3 and 4 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.
and S. of post, 7 ft. dist.; and raise a mound of
earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a
quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky sandy clay, saturated with mineral.

Undergrowth, scattered salt brush.

Subdivision of T. 1 S., R. 15 W.

Chains	
	Brine 2 ft. under surface.
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	From the cor. of secs. 33, 34, 33 and 34, on S. bdy. of tp., heretofore described.
	Thence
	N. 0°02' W., bet. secs. 33 and 34.
	Over level alkali desert through few scattered brush.
40.00	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
	$\frac{1}{4}$ S33 on W., and S34 on E. face.
	Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked
	T1S S27 on NE., R15W S34 on SE., S33 on SW., and S28 on NW. face; with 1 notch on S. and 3 notches on E. edge.
	Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
	Land, level alkali desert.
	Soil, damp, sticky clay and sandy clay.
	Undergrowth, few scattered salt brush, about 1 ft. high.
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	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.97	Intersect the cor. of secs. 26, 27, 34 and 35.
	Thence
	West, on true line bet. secs. 27 and 34.
	Over level land through scattered brush, from cor. at W. base of low sandy rise bearing NW. and SE.
39.97 $\frac{1}{2}$	Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

Subdivision of T. 1 S., R. 15 W.

$\frac{1}{4}$ S27 on N., and
S34 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 27, 28, 33 and 34.

Land, level alkali desert.

Soil, damp, sticky mixed sandy clay.

Undergrowth, very scattered salt brush.

N. $0^{\circ}02'$ W., bet. secs. 27 and 28.

Over level desert land; through scattered salt brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S28 on W., and
S27 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

51.50 Line crosses E. point of low sandy rise, 3 chs. wide,
extends northwesterly.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 21, 22, 27 and 28, marked

T1S S22 on NE.,
R15W S27 on SE.,
S28 on SW., and
S21 on NW. face; with 2 notches on S.
and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky sandy clay.

Undergrowth, very scattered salt brush.

East, on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

Subdivision of T. 1 S., R. 16 W.

Chains

- West, on true line bet. secs. 22 and 27.
Over level alkali flat; through scattered brush.
- 39.98 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked
 $\frac{1}{2}$ S22 on N., and
S27 on E. face
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument
- 79.97 The cor. of secs. 21, 22, 27 and 28.
Land, level alkali flat.
Soil, grayish white, sticky clay with thin layer of gypsum or lime formation from $\frac{1}{2}$ to 1 ft. under surface on portions of mile.
Undergrowth, scattered salt brush, 1 ft. high.
-
- N. 0°02' W., bet. secs. 21 and 22.
Over level land: through scattered brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked
 $\frac{1}{2}$ S21 on W., and
S22 on E. face
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument
- 48.18 Postal telegraph line, parallel to railroad.
- 49.43 Western Union telegraph line, parallel to railroad; R.R. mile post No. 832 is westerly on 2nd telegraph pole.
- 50.12 Center of main line track of Western Pacific Railroad, bears N. 88°17' W. and S. 88°17' E.
- 51.90 Victory Highway, parallel to railroad.
- 68.00 Mt. States Tel. & Tel. Co.'s line, parallel to railroad.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked
T1S S15 on NE.,
R15W S22 on SE.,
S21 on SW., and
S16 on NW. face; with 3 notches on S. and E. edges.
Dig pits, 18x18x12 ins., in each sec. 5 $\frac{1}{2}$ ft. dist., and

Subdivision of T. 1 S., R. 15 W.

Chains

raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay, saturated with mineral.

Undergrowth, scattered salt brush.

Brine 2 ft. under surface at sec. cor.

East, on a random line bet. secs. 15 and 22.

40.00 Set a temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect the cor. of secs. 14, 15, 22 and 23.

Thence

West, on true line bet. secs. 15 and 22.

Over level land through scattered brush.

39.94 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S15 on N., and
S22 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.88 The cor. of secs. 15, 16, 21 and 22.

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ W., bet. secs. 15 and 16.

Over level alkali flat through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S16 on W., and
S15 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 9, 10, 15 and 16, marked

Subdivision of T.1 S., R. 15 W.

Chains

T1S S10 on NE.,
R15W S15 on SE.,
S16 on SW. and
S9 on NW. face; with 4 notches on S.
and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay; brine about 3 ft. under surface

Undergrowth, scattered salt brush.

East, on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect N. and S. line, 2 lks. N. of the cor. of secs
10, 11, 14 and 15.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 10 and 15.

Over level land through scattered brush.

39.93 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S10 on N., and
S15 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument

79.86 The cor. of secs. 9, 10, 15 and 16.

Land, level alkali desert.

Soil, wet, sticky clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ W., bet. secs. 9 and 10.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S9 on W., and
S10 on E. face.

Subdivision of T. 1 S., R. 15 W.

Chains

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the
ground, for cor. of secs. 3, 4, 9 and 10, marked

T1S S3 on NE.,
R15W S10 on SE.,
S9 on SW., and
S4 on NW. face; with 5 notches on
S. and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky white clay; brine from 2 to 4 ft. under
surface.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 3 and 10.

Over-level land through scattered brush.

39.93 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on N., and
S10 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

79.86 The cor. of secs. 3, 4, 9 and 10.

Land, level alkali flat.

Soil; wet, clay, with thin layers of gypsum near surface.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ W., on true line bet. secs. 3 and 4.

Subdivision of T. 1 S., R. 15 W.

Chains

Over level land through scattered brush.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S4 on W., and
S3 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

- 79.01 Intersect the Salt Lake Base Line, R. 15 W., West, 24.09 chs. dist. from the standard cor. of secs. 34 and 35, which is a fir post, 4 ins. square, recently established and described by me under surveys of this group.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. dia., 36 ins. in the ground, for closing cor. of secs. 3, and 4, marked

CC T1S R15W and 6 grooves on S.,
S3 and 3 grooves on E., and
S4 and 3 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and S. 7 ft. dist. of post; and raise a mound of earth 4 ft. base, 2 ft. high, S. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay mixed with some sand.

Undergrowth, scattered salt brush, 1 ft. high.

From the cor. of secs. 32, 33, 32 and 33, on S. bdy. of tp., heretofore described.

Thence

N. $0^{\circ}03'$ W., bet. secs. 32 and 33.

Over level land through scattered brush.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S32 on W., and
S33 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

Subdivision of T. 1 S., R. 15 W.

39.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 28,29,32 and 33, marked

T1S S28 on NE.,
R15W S33 on SE.,
S32 on SW., and
S29 on NW. face; with 1 notch on S. and
4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level desert.

Soil, damp clay.

Undergrowth. scattered salt brush.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.02 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
27,28,33 and 34; thence

N. 89°59' W., on true line bet. secs. 28 and 33.

Over level land; through scattered brush.

40.01 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked

$\frac{1}{2}$ S28 on N., and
S23 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.02 The cor. of secs. 28,29,32 and 33.

Land, level alkali desert.

Soil, heavy, damp, brown clay.

Undergrowth, scattered salt brush.

N. 0°03' W., bet. secs. 28 and 29.

Over level land; through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked

$\frac{1}{2}$ S29 on W., and
S28 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high,
W. of cor. Deposit a quart of glass at base of monument.

Subdivision of T. 1 S., R. 15 W.

Chains

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked

T1S S21 on NE.,
R15W S28 on SE.,
S29 on SW., and
S20 on NW. face; with 2 notches on S.
and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, brown clay.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.03 Intersect the cor. of secs. 21, 22, 27 and 28.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 21 and 28.

Over level land through scattered brush.

40.01 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S21 on N., and
S28 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.03 The cor. of secs. 20, 21, 28 and 29.

Land, level alkali desert.

Soil; damp, whitish clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}03'$ W., bet. secs. 20 and 21.

Over level land; through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S20 on W., and
S21 on E. face

Chains

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

50.55 Postal telegraph line, parallel to railroad.

51.81 Western Union telegraph line, parallel to railroad; mile
post number 831 is westerly on 2nd telegraph pole.

52.49 Center of main line track of Western Pacific railroad,
bears N. $88^{\circ}17'W$. and S. $88^{\circ}17'E$.

54.30 Victory Highway, parallel to railroad.

70.34 Mt. States Tel. & Tel. line, parallel to railroad.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, marked

T1S S16 on NE.,
R15W S21 on SE.,
S20 on SW., and
S17 on NW. face: with 3 notches on
S. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, moist, heavy whitish clay.

Undergrowth, vary scattered salt brush.

S. $89^{\circ}59' E$., on a random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

N. $89^{\circ}59' W$., on true line bet. secs. 16 and 21.

Over level land through scattered brush.

40.03 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S16 on N., and
S21 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

Subdivision of T. 1 S., R. 15 W.

Chains

80.06 The cor. of secs. 16, 17, 20 and 21.

Land, level alkali desert.

Soil, wet clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S 17 on W., and
S 16 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked

T1S S9 on NE.,
R15W S16 on SE.,
S17 on SW., and
S8 on NW. face; with 4 notches on
S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet clay; brine $2\frac{1}{2}$ ft. under surface.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.05 Intersect the cor. of secs. 9, 10, 15 and 16.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 9 and 16.

Over level land through scattered brush.

40.02 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

Subdivision of T. 1 S., R. 15 W.

Chains

$\frac{1}{4}$ S9 on N., and
S16 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.05 The cor. of secs. 8, 9, 16 and 17.

Land, level alkali desert.

Soil, wet clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}03'$ W., bet. secs. 8 and 9.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S8 on W., and
S9 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 4, 5, 8 and 9, marked

T1S S4 on NE.,
R15W S9 on SE.,
S8 on SW., and
S5 on NW. face: with 5 notches on
S. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.: and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet clay.

Undergrowth, scattered salt brush.

S. $89^{\circ}59'$ E., on random line bet. secs. 4 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.03 Intersect the cor. of secs. 3, 4, 9 and 10.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 4 and 9.

Subdivision of T. 1 S., R. 15 W.

Chains

- Over level land through scattered brush.
- 40.01¹/₂ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S4 on N., and
S9 on S face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.03 The cor. of secs. 4, 5, 8 and 9.
- Land, level alkali desert.
- Soil, heavy, wet clay.
- Undergrowth, scattered salt brush.
-
- N. 0°03' W., on true line bet. secs. 4 and 5.
- Over level land through scattered brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S5 on W., and
S4 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 78.95 Intersect the Salt Lake Base Line, R. 15 W., West, 24.14 chs. dist. from the standard cor. of secs. 33 and 34, which is a fir post, 4 ins. square, recently established and described by me under surveys of this group.
- At point of intersection,
- Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for closing cor. of secs. 4 and 5, marked
CC T1S R15W and 6 grooves on S.,
S4 and 4 grooves on E., and
S5 and 2 grooves on W. face.
- Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and S. 7 ft. dist. of post.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali desert.

Soil, heavy, wet, sticky clay, mixed with some sand.

Undergrowth, scattered salt brush, 1 ft. high.

From the cor. of secs. 31, 32, 31 and 32, on S. bdy. of
tp., heretofore described.

Thence

N. $0^{\circ}04'$ W., bet. secs. 31 and 32.

Over level land through few widely scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S31 on W., and
S32 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 29, 30, 31 and 32, marked

T1S S29 on NE.,
R15W S32 on SE.,
S31 on SW., and
S30 on NW. face; with 1 notch on S.
and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet clay.

Undergrowth, few scattered salt brush on portions of mile.

East, on a random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 5 lks. N. of the cor. of
secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ}58'$ W. on true line bet. secs. 29 and 32.

Over level land through few scattered brush.

40.02 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in

Chains

the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S29 on N., and
S32 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of mound

80.04 The cor. of secs. 29, 30, 31 and 32.

Land, level alkali desert.

Soil, wet, sticky clay; slight crust of salt on small
portions of mile.

Undergrowth, very scattered salt brush.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

89.63 Intersect W. bdy. of tp., 5 lks. S. of the original cor.
of secs. 25, 30, 31 and 36, which is the center of a
glass deposit, 3 ins. under ground; all evidence of the
mound of earth over deposit have disappeared; witnessed
by traces of 4 pits, one in each sec. about 4 ft. dist.
In SE. pit is a pine stake 2 ins. square, showing 6
ins. above ground, marked with 1 notch on S. and 5 notches
on N. edge; other marked not readable. At exact point
of glass deposit, I reconstruct cor. as follows:
Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 25, 30, 31 and 36, mkd.

T1S S30 on NE.,
R15W S31 on SE.,
R16W S36 on SW., and
S25 on NW. face; with 1 notch on S.
and 5 notches on N. edge.

Thence

S. $89^{\circ}58'$ E., on true line bet. secs. 30 and 31.

Over level land, void of vegetation.

49.63 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S30 on N., and
S31 on S. face.

Subdivision of T. 1 S., R. 15 W.

Chains

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

89.63 The cor. of secs. 29, 30, 31 and 32.

Land, level alkali desert.

Soil, heavy, wet clay; very thin crust of salt on surface.
No vegetation.

N. $0^{\circ}04'$ W., bet. secs. 29 and 30.

Over level land void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S30 on W., and
S29 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 19, 20, 29 and 30, marked

T1S S20 on NE.,
R15W S29 on SE.,
S30 on SW., and
S19 on NW. face; with 2 notches on
S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet clay with slight salt crust on part of mile.

No vegetation.

S. $89^{\circ}58'$ E., on a random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the cor. of secs. 20, 21 28 and 29.

Thence

N. $89^{\circ}58'$ W., on true line bet. secs. 20 and 29.

Over level land through very scattered salt brush.

Subdivision of T. 1 S., R. 15 W.

Chains	
40.03	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p style="text-align: right;">$\frac{1}{4}$ S20 on N., and ✓ S29 on S. face</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
80.06	<p>The cor. of secs. 19, 20, 29 and 30.</p> <p>Land, level.</p> <p>Soil, wet clay.</p> <p>Very scattered salt brush on greater portion of mile.</p> <hr/> <p>N. $89^{\circ}58'$ W., on a random line bet. secs, 19 and 30.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
89.57	<p>Intersect W. bdy. of tp., at the cor. of secs. 19, 24, 25 and 30, which is the center of a glass deposit, 4 ins. under surface of ground; all evidence of mound of earth and pits have disappeared. SE. from cor. 4 ft. distant is a pine stake, 2 ins. square, showing 2 ins. above ground, marked with 2 notches on S. and 4 notches on N. edge, other marks not legible. At the exact center of glass deposit I reconstruct cor. by a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked</p> <p style="text-align: right;">T1S S19 on NE., R15W S30 on SE., R16W S25 on SW., and S24 on NW face; with 2 notches on S. and 4 notches on N. edge.</p> <p>Thence</p> <p>S. $89^{\circ}58'$ E., on true line bet. secs. 19 and 30.</p> <p>Over level land void of vegetation.</p>
49.57	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p style="text-align: right;">$\frac{1}{4}$ S19 on N., and S30 on S. face.</p> <p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,</p>

Subdivision of T. 1 S., R. 15 W.

Chains

N. of cor. Deposit a quart of glass at base of monument.

60.00 Enter very scattered brush, bears N. and S.

89.57 The cor. of secs. 19, 20, 29 and 30.

Land, level.

Soil, wet clay saturated with mineral.

Undergrowth, few scattered salt brush on E. portion.

N. 0°04' W., bet. secs. 19 and 20.

Over level land through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S19 on W., and
S20 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

52.91 Postal telegraph line, parallel to railroad.

54.17 Western Union telegraph line, parallel to railroad; mile post number 830 is westerly on 2nd pole.

54.84 Center of main line of Western Pacific railroad track, bears N.88°18' W., and S.88°18'E.

56.61 Victory Highway, bears with railroad.

72.69 Mt. States Tel. & Tel. line, bears with railroad.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked

T1S S17 on NE.,
R15W S20 on SE.,
S19 on SW., and
S18 on NW. face; with 3 notches on
S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet clay.

Undergrowth, scattered salt brush.

Subdivision of T. 1 S., R. 16 W.

Chains

S. $89^{\circ}58'$ E., on a random line bet. secs. 17 and 20.40.00 Set temp. $\frac{1}{4}$ sec. cor.80.06 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
16, 17, 20 and 21.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 17 and 20.

Over level land through few scattered brush.

40.03 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S17 on N., and
S20 on S. face.

Dig pits, 18x16x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. deposit a quart of glass at base of mound.

80.06 The cor. of secs. 17, 18, 19 and 20.

Land, level.

Soil, wet, sticky clay.

Undergrowth, few scattered salt brush.

N. $89^{\circ}58'$ W., on a random line bet. secs. 18 and 19.40.00 Set temp. $\frac{1}{4}$ sec. cor.89.54 Intersect W. bdy. of tp., 2 lks. S. of the cor. of secs.
13, 18, 19 and 24, which is center of glass deposit,
4 ins. under ground; all evidence of the mound of
earth has disappeared; witnessed by traces of 4 pits,
one in each sec., 4 ft. distant; and by a pine stake,
2 ins. square, showing 2 ins. above ground, in SE. pit
marked with 3 notches on N. and S. edges, and faint
traces of other marks. I reconstruct cor. at same point
with a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 13, 18, 19 and 24, markedT1S S18 on NE.,
R15W S19 on SE.,
R16W S24 on SW., and
S13 on NW. face; with 3 notches on
N. and S. edges.

Thence

Subdivision of T. 1 S., R. 15 W.

Chains

S. $89^{\circ}57'$ E., on true line bet. secs. 18 and 19.

Over level land void of vegetation.

- 89.54 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S18 on N., and
S19 on S. face

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

- 89.54 The cor. of secs. 17, 18, 19 and 20.

Land, level.

Soil, heavy wet clay.

No vegetation.

N. $0^{\circ}04'$ W., bet. secs. 17 and 18.

Over level land through few scattered brush.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S18 on N., and
S17 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked

T1S S8 on NE.,
R15W S17 on SE.,
S18 on SW., and
S7 on NW. face; with 4 notches on
S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, brownish clay with white surface.

Undergrowth, few scattered salt brush.

Subdivision of T. 1 S., R. 16 W.

Chains

S. 89°59' E., on a random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence

N. 89°59' W., on true line bet. secs. 8 and 17.

Over level land through scattered brush.

30.00 Enter more widely scattered brush, bears N. and S.

40.03 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S8 on N., and
S17 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument

80.06 The cor. of secs. 7, 8, 17 and 18.

Land, level alkali desert.

Soil; wet, sticky clay.

Undergrowth, scattered salt brush, heavier on E. end.

N. 89°57' W., on a random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

89.53 Intersect W. bdy. of tp., 6 lks. N. of the cor. of secs.

7, 12, 13 and 18, which is the center of glass deposit

under a mound of earth; witnessed by traces of 4 pits,

one in each sec. 4 ft. dist.; and by a pine stake,

2 ins. square, showing 2 ins. above ground, marked

with 4 notches on S. and 2 notches on N. edge, and

properly scribed. I reconstruct cor. at same point,

in center of mound of earth, with a fir post, 4 ft.

long, 4 ins. square, 36 ins. in the ground, for cor. of

secs. 7, 12, 13 and 18, marked

T1S S7 on NE.,
R15W S18 on SE.,
R16W S13 on SW.; and
S12 on NW. face; with 4 notches on
E. and 2 notches on N. edge.

Thence

Chains

East, on true line bet. secs. 7 and 18.

Over level land void of vegetation.

49.53 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on N., and
S18 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, $3\frac{1}{2}$ ft. base, 12 ft. high,

N. of cor. Deposit a quart of glass at base of monument.

89.53 The cor. of secs. 7, 8, 17 and 18.

Land, level alkali desert.

Soil, wet clay.

Undergrowth, few scattered salt brush on E. end of mile.

N. $0^{\circ}04'$ W., bet. secs. 7 and 8.

Over level land through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on W. and
S8 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, $3\frac{1}{2}$ ft. base, 12 ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked

T1S S5 on NE.,
R15W S8 on SE.,
S7 on SW., and
S6 on NW. face; with 5 notches on S.
and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level.

Soil, heavy, wet clay.

Undergrowth, few scattered salt brush.

.Subdivision of T. 1 S., R. 15 W.

Chains

S. $89^{\circ}59'$ E., on a random line bet. secs. 5 and 8.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.08 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
4, 5, 8 and 9.

Thence,

West, on true line bet. secs. 5 and 8.

Over level land through scattered brush.

40.04 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S5 on N., and S8 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument

80.08 The cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, wet clay.

Undergrowth, very scattered salt brush.

West, on a random line bet. secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

89.57 Intersect W. bdy. of tp. at the cor. of secs. 1, 6, 7 and
12, which is point in center of traces of 4 pits; NE.,
SE., SW. and NW., 4 ft. dist.; the glass deposit could
not be found and all evidence of mound of earth has
disappeared. In the SE. pit is a pine stake, 2 ins.
square, showing 2 ins. above ground, properly marked.
I reconstruct cor. at same point, with a fir post,
4 ft. long, 4 ins. square, 36 ins. in the ground, for
cor. of secs. 1, 6, 7 and 12, marked

T1S S6 on NE.,
R15W S8 on SE.,
R16W S12 on SW., and
S1 on NW. face; with 5 notches on S.
and 1 notch on N. edge.

Deposit a quart of glass at base of monument.

Thence

East, on true line bet. secs. 6 and 7.

Subdivision of T. 1 S., R. 15 W.

ins

Over level land void of vegetation.

- 49.57 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S6 on N., and
S7 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

- 89.57 The cor. of secs. 5, 6, 7 and 8.

Land, level alkali desert.

Soil, wet, clay.

Undergrowth, few scattered salt brush on E. end of mile.

N. 0°04' W., on true line bet. secs. 5 and 6.

Over level land through a few scattered brush.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S6 on W., and
S5 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

- 78.94 Intersect the Salt Lake Base Line, R. 15 W., West, 24.31 chs. distant from the standard cor. of secs. 32 and 33, which is a fir post, 4 ins. square, recently established and described by me in surveys under this group.

At point of intersection,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for closing cor. of secs. 5 and 6, marked

CC T1S R15W and 6 grooves on S.,
S5 and 5 grooves on E., and
S6 and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and S. 7 ft. dist. of post; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet, sticky clay saturated with mineral.
Undergrowth, few scattered salt brush.

Boundaries of T. 1 S., R. 15 W.

BOUNDARIES OF T. 1 S., R. 15 W.

Latitudes, departures and closing errors.

Lines designated	True bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W.bdy.T1S R15W	South	478.93		478.93		
S.bdy.T1S R15W	East	489.72			489.72	
E.bdy.T1S R15W	North	429.04	429.04			
S.L.Base Line	West	7.87				7.87
S.L.Base Line	West	48.05				48.05
W.bdy.T1NR14W	North	50.27	50.27			
S.L.Base Line	West	433.97				433.97
Convergency						.62
Totals			479.31	478.93	489.72	490.51
			478.93			489.72
Error in latitude			-----	0.38		
Error in departure				-----		0.79

GENERAL DESCRIPTION, T. 1 S., R. 15 W.

This township is situated on the Great American Desert and is one vast level alkali flat, with the exception of a few scattered, low sandy rises or knolls of from 5 to 40 ft. high, located in the southeast and northeast corners of the township. There is no drainage. The soil is principally a heavy, damp to wet, sticky clay saturated with mineral of saline character. The township, with the exception of a narrow strip of from one-half to one mile along the west boundary, is covered with a scattered to medium growth of salt brush of approximately one foot in height. A brine is found from 2 to 5 ft. under the surface, being closer to the surface in the northern part. The main line of the Western Pacific Railroad crosses the township through secs. 19, 20, 21, 22, 23 and 24, in an easterly and westerly direction. The Victory Highway, a first class automobile road, parallels the

railroad, about 120 ft. north of track. The station of Barro on the Western Pacific Railroad is located approximately one-half mile to east of this township. There are no settlers in the township; nor were there any indications of coal, oil, or mineral other than of saline character, found in the township. No magnetic declination was taken on account of defective needle.

Volume

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BOOK A-480

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FIELD ASSISTANTS.

NAME.

CAPACITY.

1925

Roy Hurd	Chairman
Lon Sutton	Chairman
John C. Stewart	Flagman

1926

Kenneth Ryser	Chairman
Rene T. LaMero	Chairman
Earl Rager	Flagman
Ernest Thompson	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Andrew Nelson, Cadastral Engineer, U. S. ~~Surveyor~~, hereby certify upon honor that, in and District Cadastral Engineer of special instructions received from the U. S. Surveyor General for Utah, bearing date of the 28th July 1925 and 11th April 1925, I have well, faithfully, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying tions, and the laws of the United States, surveyed all those parts or portions of south and east boundaries and subdivision of T. 1 S., R. 15 W., and the reconstruction of section corners on the west boundary of said township

of the Salt Lake Base and Meridian, in the State of Utah, which are represented the foregoing field notes as having been executed by me, and under my direction; and that all the corner said survey have been established and perpetuated in strict accordance with the Manual of Surveying tions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at Oct. 27, 1926.
Salt Lake City, Utah

Andrew Nelson
U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys
~~Surveyor General~~

November 24, 1926.

The foregoing field notes of the survey of the south and east boundaries and subdivision and reconstruction of section corners on west boundary of T. 1 S., R. 15 W., S. L. B. & M.,

executed by Andrew Nelson, U. S. Cadastral Engineer,

under his special instructions dated April 11 and July 28, 1925, having critically examined, and the necessary corrections and explanations made, the said field notes, and the same they describe, are hereby approved.

Samuel H. Johnson
Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.



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BOOK A-480

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NOV 6 1926
District Cadastral Engineer,
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

EAST AND NORTH BOUNDARIES

AND

SUBDIVISION

AND

RECONSTRUCTION OF SECTION CORNERS ON WEST BOUNDARY

OF

TOWNSHIP 1 NORTH, RANGE 15 WEST

Of the SALT LAKE BASE AND Meridian,

the State of U T A H

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

~~Capacity of U.S. Surveyor~~, under instructions dated April 11, 1925, ~~1921~~
July 28, 1925 and District Cadastral Engineer, respectively
by the United States Surveyor General to govern surveys included in
No. 164, which were approved by the Commissioner of the General Land
Aug. 21, 1925, respectively. Supplemental Assign-
April 21, 1925 and /, ~~1921~~, pursuant to authority contained in the Act of
instructions dated June 14, 1926
~~dated~~ ~~XXXXXXXXXXXXXXXXXXXX~~ ~~1921~~

Survey commenced July 16, 1926, ~~1921~~

Survey completed July 24, 1926, ~~1921~~

BOOK A-480

INDEX DIAGRAM.

Township 1 North, Range 15 West

14	14	13	12	12	11						
6	50	5	40	4	34	3	27	2	21	1	10
49	49	39	33	27	21						
7	48	8	39	9	32	10	26	11	20	12	9
47	47	38	32	26	19						
18	46	17	38	16	31	15	25	14	19	13	8
45	45	37	31	25	18						
19	44	20	36	21	30	22	24	23	18	24	7
43	43	36	30	23	17						
30	42	29	35	28	29	27	23	26	16	25	6
41	41	35	29	22	16						
31	40	32	34	33	28	24	22	25	15	36	4

BOOK A-480

4-679 b

INDEX DIAGRAM.

Township 1 N., Range 15 W

262	262	261	260	260	259
6 298	5 288	4 282	3 275	2 269	1 258
297	297	287	281	275	269
7 296	8 287	9 280	10 274	11 268	12 257
295	295	286	280	274	267
18 294	17 286	16 279	15 273	14 267	13 256
293	293	285	279	273	266
19 292	20 284	21 278	22 272	23 266	24 255
291	291	284	278	271	265
20 290	29 283	28 277	27 271	26 264	25 254
289	289	283	277	270	264
31 288	32 282	33 276	34 270	35 263	36 253

Date Diagram of T. 1 N., R. 15 W.

DATE DIAGRAM OF T. 1 N., R. 15 W.

----- 7-19/26 -----						
Previous Survey	6	5	4	3	2	1
	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
	7	8	9	10	11	12
	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
	18	17	16	15	14	13
Previous Survey	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
	19	20	21	22	23	24
	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
	30	29	28	27	26	25
	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
Previous Survey	31	32	33	34	35	36
	7-24/26	7-24/26	7-23/26	7-22/26	7-21/26	7-20/26
	7-19/26	7-23/26	7-22/26	7-21/26	7-20/26	7-16/26
	Salt	Lake	Base	Line		

All lines in T. 1 N., R. 15 W., surveyed by
Andrew Nelson, U.S. Cadastral Engineer.

T. 1 N., R. 15 W.

Survey commenced July 16, 1926, and executed with Buff and Buff transit No. 9978, equipped with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated June 14, 1926.

The country over which the lines of this survey pass is level and open; all azimuth determinations were accomplished by observations made on Polaris, and the lines deflected therefrom and carried forward by double fore and back sights.

I examine the adjustments of the transit and find no errors.

July 15, 1926, in latitude $40^{\circ}43'$ N., and longitude $113^{\circ}35'$ W., with the telescope in the meridian and elevated to the sun's altitude, I observe the sun's transit for time, noting the watch time of transit of each limb:

Mean watch time of apparent noon	= 12h34m38s
Watch fast of local mean time	28m53s

July 16, 1926, at the standard cor. of T. 1 N., R. 15 W. established by me under this group, described in survey of Salt Lake Base Line, R. 15 W., latitude (approximate) $40^{\circ}46'$ N., longitude $113^{\circ}29'$ W., at Oh 5.1m a.m., l.m.t., I observe Polaris at eastern elongation, making 4 observations, two each with the telescope in direct and reversed positions, reading the deflection angle from a stake driven firmly in the ground $\frac{1}{2}$ mile N., east to Polaris.

Azimuth of Polaris at eastern elongation	= $1^{\circ} 26' 43''$
Mean deflection angle	= $1^{\circ} 27' 00''$
True bearing of stake	= N. $0^{\circ} 00' 17''$ W.

MEASUREMENTS:

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin Standard steel tape one chain in length, and found correct.

METHOD AND ORDER OF PROCEDURE:

The west boundary is a previous survey; the south boundary which is the Salt Lake Base Line has been previously surveyed by me under this group; the east boundary or range line between ranges 14₁ and 15 W. is run North from the standard cor. of T. 1 N., R. 15 W. a distance of 480.00 chs., where I establish the cor. of Ts. 1 and 2 N., R. 15 W. Double sets of corners are set along this range line: one at regular intervals from the SE. cor. of T. 1 N., R. 15 W., and one at regular intervals from the SW. corner of T. 1 N., R. 14₁ W., a distance of 485.15 chs. where corner of Ts. 1 and 2 N., R. 14₁ W. is established. The north boundary is run $1.89^{\circ}59'$ W. connecting the NE. and NW. corners of this township, regular corners for Ts. 1 and 2 N. R. 15 W. are established at regular intervals, placing fractional distance in western one-half mile. The subdivision of the township was carried forward in the regular manner from south to north and from east to west, fractional measurements being placed against the north and west boundaries.

Owing to the saline character of the soil the regulation iron posts are substituted with dressed fir posts with gabled or wedge-shaped top, 4 ins. square, 3 and 4 ft. lengths. The top half of the posts is saturated with linseed oil. All the one-quarter section corners on the boundaries and subdivision are of 3 ft. lengths while the section corners are 4 ft. long.

Glass was deposited at base of each and every post.

FRACTIONAL WEST BOUNDARY OF T. 1 N., R. 14 $\frac{1}{2}$ W.

FRACTIONAL WEST BOUNDARY, T. 1 N., R. 14 $\frac{1}{2}$ W.

From the standard corner of T. 1 N., R. 14 $\frac{1}{2}$ W. on the Salt Lake Base Line, in lat. 40°46' N., long. 113° 29' W., which is a fir post, 4 ins. square, established and described by me in surveys under this group (see Salt Lake Base Line, Rs. 12 to 15 W.). This stan. tp. cor. is west, 48.05 chs. dist. from the stan. cor. of T.1 N.,Rs. 14 and 14 $\frac{1}{2}$ W., and west, 55.92 chs. dist. from the closing cor. of T. 1 S., Rs. 14 and 15 W.

Thence

North, along W. bdy. T. 1 N., R. 14 $\frac{1}{2}$ W. and W. bdy. sec 36.

Over level land; through scattered brush.

2.30 S. edge of sandy knoll, bears NE. and W.

4.00 Top of same, 10 ft. high, extends E. 2 chs. and W. 3 ch dist. to end.

10.00 N. base of same, bears SE. and SW.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. on W. bdy. sec. 36, T.1 N R. 14 $\frac{1}{2}$ W., marked $\frac{1}{4}$ S3 6 on E face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monumen

50.27 Intersect the standard cor. of T. 1 N., R. 15 W., on the Salt Lake Base Line, which is a fir post, 4 ins. square established by me under this group, for description see notes of Salt Lake Base Line, R. 15 W.

Land, level.

Soil, wet, sandy clay.

Undergrowth, scattered salt brush.

EAST BOUNDARY OF T. 1 N., R. 15 W.

From the standard corner of T. 1 N., R. 15 W. on the Salt Lake Base Line.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains

North, along range line Rs. $14\frac{1}{2}$ and 15 W., on E. bdy.
sec. 36, T. 1 N., R. 15 W.

Over level land; through scattered brush.

29.73

Or N. 80.00 chs. from SW. cor. T.1 N., R. $14\frac{1}{2}$ W.,

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 25 and 36, T.1 N., R. $14\frac{1}{2}$
W., marked

T1N S25 on NE., and
R $14\frac{1}{2}$ W S36 on SE. face; with 1 notch
on S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of
post. Deposit a quart of glass at base of monument.

40.00

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., of sec. 36, T.1 N., R.15
W., marked $\frac{1}{4}$ S36 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

69.73

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, T.1 N., R. $14\frac{1}{2}$ W.,
marked $\frac{1}{4}$ S25 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor. Deposit a quart of glass at base of monument

80.00

Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 25 and 36, T. 1 N.,
R.15 W., marked

T1N S25 on NW., and
R15W S36 on SW. face; with 1 notch on
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.
of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, sticky, white clay with some gypsum formation.

Undergrowth, scattered salt brush about 1 ft. high.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains

North, on E. bdy. sec. 25.

Over level land; through scattered salt brush.

- 29.73 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 24 and 25, on W. bdy.

T.1 N., R. 14 $\frac{1}{2}$ W., marked

T1N S24 on NE., and
R14 $\frac{1}{2}$ W S25 on SE. face; with 2 notches
on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E.
of cor. Deposit a quart of glass at base of monument.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. on E. bdy. sec. 25, T.1 N.
R. 15 W., marked $\frac{1}{4}$ S25 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart a glass at base of monument.

- 45.00 Cross E. edge of low sandy rise, extends westerly.

- 69.73 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. 24, T.1 N., R. 14 $\frac{1}{2}$ W., marked
 $\frac{1}{4}$ S24 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
E. of cor. Deposit a quart of glass at base of monumen

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 24 and 25, T.1 N., R. 15
W., marked

T1N S24 on NW., and
R15W S25 on SW. face; with 2 notches
on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat; few low sandy rises to E. and
W. of line.

Soil, damp, sticky clay, streaked with thin layers of
gypsum.

Undergrowth, very scattered salt brush.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains

North, on E. bdy. sec. 24.

Over level land; no vegetation.

10.80 S. base of low sandy rise, bears E. and W.; thence over rise, 10 ft. high, extending easterly and westerly.

16.00 N. base of same, bears E. and W.

29.73 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 13 and 24, T.1 N., R.14 $\frac{1}{2}$ W., marked

T1N S13 on NE., and
R14 $\frac{1}{2}$ W S24 on SE. face: with 3 notches
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor. of sec. 24, T.1 N., R.15 W., marked $\frac{1}{4}$ S24 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

69.73 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{2}$ sec. cor. of sec. 13, T.1 N., R.14 $\frac{1}{2}$ W., marked $\frac{1}{4}$ S13 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 13 and 24, T.1 N., R. 15 W., marked

T1N S13 on NW., and
R15W S24 on SW. face; with 3 notches
on N. and S. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert with few low sandy knolls.

Soil, wet, sticky clay, streaked with gypsum.

Heavy brine from 1 $\frac{1}{2}$ to 2 ft. under surface.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains

Undergrowth, scattered salt brush on sandy rises.

North, on E. bdy. sec. 13.

Over level land; no vegetation.

- 29.73 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 12 and 13, T.1 N., R.14 $\frac{1}{2}$ W., marked

T1N S12 on NE., and
R14 $\frac{1}{2}$ W S13 on SE. face; with 4 notch
on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E.
of cor. Deposit a quart of glass at base of monument.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13, T.1 N., R.15 W. marked $\frac{1}{4}$ S13 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

- 69.73 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, T.1 N., R.14 $\frac{1}{2}$ W. marked $\frac{1}{4}$ S12 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
E. of cor. Deposit a quart of glass at base of monument.

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 12 and 13, T.1 N., R.15 W. marked

T1N S12 on NW., and
R15W S13 on SW. face; with 4 notches
on S. and 2 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W.
of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay; brine is 1 $\frac{1}{2}$ to 2 ft. under surface.
No vegetation.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains

North, on E. bdy. sec. 12.

Over level land void of vegetation.

- 29.73 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1 and 12, T.1 N., R.14 $\frac{1}{2}$ W., marked

T1N S1 on NE., and
R14 $\frac{1}{2}$ W S12 on SE. face: with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument.

- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, T. 1 N., R. 15 W., marked $\frac{1}{4}$ S12 on W. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

- 69.73 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, T.1 N., R.14 $\frac{1}{2}$ W., marked $\frac{1}{4}$ S1 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high E. of cor. Deposit a quart of glass at base of monument.

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1 and 12, T. 1 N., R.15 W., marked

T1N S1 on NW., and
R15W S12 on SW. face: with 5 notches on S. and 1 notch on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level.

Soil wet, sticky clay with some gypsum.

No vegetation.

EAST BOUNDARY OF T. 1 N., R. 15 W.

Chains	
	<p>North, on E. bdy. of sec. 1.</p> <p>Over level land; no vegetation.</p>
34.88	<p>Or ^N85.15 chs. from cor. of secs. 1 and 12,</p> <p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for corner of townships 1 and 2 north, range 14$\frac{1}{2}$ west, marked</p> <p style="text-align: right;">T2NR14$\frac{1}{2}$WS36 on NE., and T1NR14$\frac{1}{2}$WS1 on SE. face; with 6 notches on N. and S. and 1 notch on E. edge.</p> <p>Dig pits, 18x18x12 ins., on each line, N. and S. 3 ft. and E. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, E. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Note: From the above tp. cor. the cor. of Ts. 1 and 2 N. Rs. 14 and 14$\frac{1}{2}$ W., bears S. 89°51' E., 48.00 chs. dist</p>
40.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, T.1 N., R.15 W. marked $\frac{1}{4}$ S1 on W. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument</p>
74.88	<p>Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, T. 2 N., R. 14$\frac{1}{2}$ W., marked $\frac{1}{4}$ S36 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, E. of cor. Deposit a quart of glass at base of monument</p>
80.00	<p>Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for corner of townships 1 and 2 north, range 15 west, marked</p> <p style="text-align: right;">T1NR15$\frac{1}{2}$ S1 on SW., and T2NR15WS36 on NW. face; with 6 notches on N., S. and W. edges.</p> <p>Dig pits, 18x18x12 ins., on each line, N. and S. 3 ft. and W. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p> <p>Deposit a quart of glass at base of monument.</p>

NORTH BOUNDARY OF T. 1 N., R. 15 W.

chains

Land, level alkali desert.

Soil, heavy, wet, sticky clay; brine from $1\frac{1}{2}$ to 2 ft. under surface.

No vegetation.

NORTH BOUNDARY OF T. 1 N., R. 15 W.

From the corner of townships 1 and 2 north, range 15 W., heretofore described.

Thence

West on a random line, along the N. bdy. of T. 1 N., R. 15 W., setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 chs.; and, at 479.19 chs., intersect the W. bdy., 18 lks. N. of the cor. of Ts. 1 and 2 N., Rs. 15 and 16 W., hereinafter described. The falling answers to a correction of $0^{\circ}01'$, or 3 lks. S. per mile, counting from the NE. cor. of the tp.; therefore I return to the cor. of Ts. 1 and 2 N., R. 15 W.

Thence

S. $89^{\circ}59'$ W., on true line along N. bdy. of T. 1 N., R. 15 W., bet. secs. 1 and 36.

Over level land; no vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S36 on N., and
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked

T2N S36 on NE.,
R15W S1 on SE.,
T1N S2 on SW., and
S35 on NW. face; with 1 notch on E.
and 5 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of

NORTH BOUNDARY OF T. 1 N., R. 15 W.

Chains

cor. Deposit a quart of glass at base of monument.
Land, level alkali desert.

Soil, wet, sticky clay; heavy brine about 18 ins. under surface.

No vegetation.

S. 89°59' W., bet. secs. 2 and 35.

Over level land: no vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S35 on N., and
S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T2N S35 on NE.,
R15W S2 on SE.,
T1N S3 on SW., and
S34 on NW. face; with 2 notches on E. and 4 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, heavy, wet, sticky clay and sandy clay; brine from 18 to 24 ins. under surface.

No vegetation.

S. 89°59' W., bet. secs. 3 and 34.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S34 on N., and
S3 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

NORTH BOUNDARY OF T. 1 N., R. 15 W.

Chains

N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked

T2N S34 on NE.,
R15W S3 on SE.,
T1N S4 on SW., and
S33 on NW. face: with 3 notches on
E. and W. edges.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky grayish white clay streaked with gypsum; brine from 18 to 24 ins. under surface.

No vegetation.

S. 89°59' W., bet. secs. 4 and 33.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S33 on N., and
S4 on E. face.

Dig pits, 18x18x12 ins., E. and W. of post, 7 ft. dist.: and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked

T2N S33 on NE.,
R15W S4 on SE.,
T1N S5 on SW., and
S32 on NW. face; with 4 notches on
E. and 2 notches on W. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay streaked with gypsum; brine from 18" to 2 ft. under surface.

No vegetation.

14

. NORTH BOUNDARY OF T. 1 N., R. 15 W.

Chains

S. 89°59' W., bet. secs. 5 and 32.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S32 on N., and
S5 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T2N S32 on NE.,
R15W S5 on SE.,
T1N S6 on SW., and
S31 on NW. face; with 5 notches on
E. and 1 notch on W. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, damp, seamed clay; brine from 2 to $3\frac{1}{2}$ ft. under surface.

No vegetation.

S. 89°59' W., bet. secs. 6 and 31.

Over level land; few scattered salt brush on E. portion of mile.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S31 on N., and
S6 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.19 Intersect W. bdy. of tp., at the original corner of Ts. 1 and 2 N., Rs. 15 and 16 W., which is center of glass deposit found 4 ins. under surface of ground; all evidence of mound of earth has disappeared; witnessed

NORTH BOUNDARY OF T. 1 N., R. 15 W.

by traces of 4 pits, one on each line, 5 ft. dist.; in E. pit is a pine stake, 2 ins. square, showing 2 ins. above ground, properly marked. I reconstruct cor. at same point as follows: Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of Ts. 1 and 2 N., Rs. 15 and 16 W., marked

T2NS31 on NE.,
R15WS6 on SE.,
T1NS1 on SW., and
R16WS36 on NW. face: with 6 notches
on N., S., E. and W. edges.

I dig pits, 18x18x12 ins., on each line, N., E. and W., 5 ft. and S. of post, 8 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Land, level alkali desert.

Soil, damp, brown, firm clay; brine from 3 to 4 ft. under surface.

No vegetation.

High cliff point on Floating Island, bears N.21°11'W.

High point on SW. end of island, bears N.43½°W.

Peak in Silver Island, bears N.43°37'W.

SUBDIVISION OF TOWNSHIP 1 NORTH, RANGE 15 WEST.

From the standard cor. of secs. 35 and 36, on the Salt Lake Base Line, which is a fir post, 4 ins. square; established and described by me in the survey of the Salt Lake Base Line, R.15 W., this group.

Thence

N. 0°01' W., bet. secs. 35 and 36.

Over level land; through very scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S35 on W., and
S36 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 1 N., R. 2 E., S. 4

Chains

80.00 Set a fir post, 4 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked

T1N S25 on NE.,
R15W S36 on SE.,
S35 on SW., and
S26 on NW. face; with 1 notch on S. and E. edges:

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, heavy clay, streaked with some gypsum.

Brine 2 to 3 ft. under surface.

Undergrowth, very scattered salt brush, 1 ft. high.

East, for visible signal at the cor. of secs. 25, 26, 35 and 36, on a random line bet. secs. 25 and 36.

40.00 Set temp. ½ sec. cor.

79.97 Intersect E. bdy. of tp., at the cor. of secs. 25, 26, 35 and 36, heretofore described.

Thence

West, on true line bet. secs. 25 and 36.

Over level land through very scattered brush.

39.98½ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ½ sec. cor., marked

½ S25 on N., and
S36 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 25, 26, 35 and 36.

Land, level alkali desert.

Soil, wet clay.

Undergrowth, very scattered salt brush.

N. 0°01' W., bet. secs. 25 and 26.

Over level land; through very scattered brush.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

31.50 Top of small sandy rise, 5 ft. high.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on W, and
S25 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked

T1N S24 on NE.,
R15W S25 on SE.,
S26 on SW., and
S23 on NW. face; with 2 notches on S. and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert with few small scattered sandy rises, from 5 to 10 ft. high.

Soil, wet clay mixed with sand and gypsum.

Undergrowth, few scattered salt brush.

N. $89^{\circ}59'$ E., on random line bet. secs. 24 and 25, for flag at the cor. of secs. 24 and 25 on E. bdy.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect E. bdy. of tp., at the cor. of secs. 24 and 25, heretofore described:

Thence

S. $89^{\circ}59'$ W., on true line bet. secs. 24 and 25.

Over level land; through few scattered brush.

39.98 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S24 on N., and
S25 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

- 79.97 The cor. of secs. 23, 24, 25 and 26.
Land, level alkali flat with few low sandy rises on both sides of line.
Soil, wet clay with gypsum formation.
Undergrowth, few scattered salt brush.
-
- N. 0°01' W., bet. secs. 23 and 24.
Over level land; void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S23 on W., and
S24 on E. face.
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked
T1N S13 on NE.,
R15W S24 on SE.,
S23 on SW., and
S14 on NW. face; with 3 notches on S. and 1 notch on E. edge.
Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
Land, level alkali desert.
Soil, wet, sticky clay, with layer of hard gypsum formation near surface.
No vegetation.
-
- N. 89°58' E., on random line bet. secs. 13 and 24, for flag at the cor. of secs. 13 and 24 on E. bdy.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect E. bdy. of tp., at the cor. of secs. 13 and 24, heretofore described.
Thence

SUBDIVISION of T. 1 N., R. 15 W.

S. $89^{\circ}58'$ W., on true line bet. secs. 13 and 24.

Over level land; void of vegetation.

39.99 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S13 on N., and
S24 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.98 The cor. of secs. 13, 14, 23 and 24.

Land, level alkali desert.

Soil, wet, sticky clay with gypsum formation.

No vegetation.

N. $0^{\circ}01'$ W., bet. secs. 13 and 14.

Over level land: void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S14 on W., and
S13 on E. face.

Dig pits, 18x18x12 ins., N. and S., of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked

T1N S12 on NE.,
R15W S13 on SE.,
S14 on SW., and
S11 on NW. face; with 4 notches on S.
and 1 on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat; surface slightly uneven,

Soil; wet, sticky clay with gypsum formation.

No vegetation.

N. $89^{\circ}58'$ E., on random line bet. secs. 12 and 13, for flag at the cor. of secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

80.00 Intersect E. bdy. of tp., at the cor. of secs. 12 and 13, heretofore described.

Thence

S. 89°58' W., on true line bet. secs. 12 and 13.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S12 on N., and
S13 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monumen

80.00 The cor. of secs. 11, 12, 13 and 14.

Land, level alkali desert.

Soil, wet, sticky clay with some gypsum.

No vegetation.

N. 0°01' W., bet. secs. 11 and 12.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S11 on W., and
S12 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monumen

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked

T1N S1 on NE.,
R15W S12 on SE.,
S11 on SW., and
S2 on NW. face; with 5 notches on S.
and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil: wet, sticky clay with gypsum formation.

No vegetation.

SUBDIVISION OF T. 1 N., R. 15 E.

N. $89^{\circ}58'$ E., on random line bet. secs. 1 and 12, for
flag at the cor. of secs. 1 and 12.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect E. bdy. of tp., at the cor. of secs. 1 and 12,
heretofore described.

Thence

S. $89^{\circ}58'$ W., on true line bet. secs. 1 and 12.

Over level land; void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S1 on N., and
S12 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

The cor. of secs. 1, 2, 11 and 12.

Land, level alkali desert.

Soil, wet, sticky clay with gypsum formation.

No vegetation.

North, on true line bet. secs. 1 and 2, for flag at the
cor. of secs. 1, 2, 35 and 36, on N. bdy.

Over level land; void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S2 on W., and
S1 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

Intersect N. bdy. of tp., at the cor. of secs. 1, 2, 35 and
36; heretofore described.

Land, level alkali desert.

Soil, wet, sticky clay and sandy clay, saturated with
mineral.

No vegetation.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

From the S.C. of secs. 34 and 35 on the Salt Lake Base Line, which is a fir post, 4 ins. square, established and described by myself in the survey of the Salt Lake Base Line, R. 15 W., this group.

Thence

N. $0^{\circ}02'$ W., bet. secs. 34 and 35.

Over level land; through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S34 on W. face
S35 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked

T1N S26 on NE.,
R15W S35 on SE.,
S34 on SW., and
S27 on NW. face; with 1 notch on S. and
2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet clay, with gypsum formation close to surface; brine from 2 to $2\frac{1}{2}$ ft. under surface.

Undergrowth, a few scattered salt brush.

Fast, on random line bet. secs. 26 and 35, for flag at cor. of secs. 25, 26, 35 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect the cor. of secs. 25, 26, 35 and 36.

Thence

West, on true line bet. secs. 26 and 35.

Over level land: void of vegetation.

39.98 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on N., and
S35 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 26, 27, 34 and 35.

Land, level alkali desert.

Soil, wet clay, with gypsum formation; brine from 2 to
 $2\frac{1}{2}$ ft. under surface.

No vegetation.

N. $0^{\circ}02'$ W., bet. secs. 26 and 27.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S27 on W., and
S26 on E. face;

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 22, 23, 26 and 27, marked

T1N S23 on NE.,
R15W S26 on SE.,
S27 on SW., and
S22 on NW. face; with 2 notches on
S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet. sticky clay with gypsum formation.

No vegetation.

East, on a random line bet. secs. 23 and 26, for flag at
the cor. of secs. 23, 24, 25 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

79.96 Intersect the cor. of secs. 23, 24, 25 and 26.

Thence

West, on true line bet. secs, 23 and 26.

Over level land; void of vegetation.

39.98 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S23 on N., and
S26 on S. face

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.96 The cor. of secs. 22, 23, 26 and 27.

Land, level alkali desert.

Soil, wet clay, streaked with gypsum formation.

No vegetation.

N. 0°02' W., bet. secs. 22 and 23.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S22 on W., and
S23 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked

T1N S14 on NE.,
R15W S23 on SE.,
S22 on SW., and
S15 on NW. face; with 3 notches on
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp. brown clay, with some gypsum formation.

No vegetation.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

N. $89^{\circ}59'$ E., on random line bet. secs. 14 and 23, for flag at the cor. of secs. 13,14,23 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the cor. of secs. 13 ,14,23 and 24.

Thence

S. $89^{\circ}59'$ W., on true line bet. secs. 14 and 23.

Over level land; void of vegetation.

39.97 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S14 on N., and
S23 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.94 The cor. of secs. 14,15,22 and 23.

Land, level alkali desert.

Soil, heavy clay, mixed with gypsum formation on portions of mile.

No vegetation.

N. $0^{\circ}02'$ W., bet. secs. 14 and 15.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S15 on W., and
S14 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 10,11,14 and 15, marked

T1N S11 on NE.,
R15W S14 on SE.,
S15 on SW., and
S10 on NW. face; with 4 notches on
S. and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

cor. Deposit a quart of glass at base of monument.
Land, level alkali desert.
Soil, damp clay, mixed with gypsum formation.
No vegetation.

N. 89°59' E., on random line bet. secs. 11 and 14, for
flag at the cor. of secs. 11,12,13 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.93 Intersect the cor. of secs. 11,12,13 and 14.

Thence

S. 89°59' W., on true line bet. secs. 11 and 14.

Over level land; void of vegetation.

39.96 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S11 on N., and
S14 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monumer

79.93 The cor. of secs. 10,11,14 and 15.

Land, level alkali desert.

Soil, heavy, sticky clay with gypsum formation.

No vegetation.

N. 0°02' W., bet. secs. 10 and 11.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S10 on W., and
S11 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monumen

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 2, 3, 10 and 11, marked

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

T1N S2 on NE.,
 E15W S11 on SE.,
 S10 on SW., and
 S3 on NW. face; with 5 notches on S.
 and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
 raise a mound of earth, 4 ft. base, 2 ft. high, W. of
 cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky clay, with gypsum formation.

No vegetation.

N. 89°59' E., on random line bet. secs. 2 and 11, for
 flag at the cor. of secs. 1,2,11 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the cor. of secs. 1,2,11 and 12.

Thence

S. 89°59' W., on true line bet. secs. 2 and 11.

Over level land; void of vegetation.

39.97 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S2 on N., and
 S11 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
 and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 2, 3, 10 and 11.

Land, level alkali desert.

Soil, wet, sticky clay; brine about 18 ins. under surface.

No vegetation.

N. 0°04' W.; on true line bet. secs. 2 and 3, for flag
 at cor. of secs. 2,3,34 and 35 on N. bdy.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on W., and
 S2 on E. face.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

80.07 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument. Intersect N. bdy. of tp., at the cor. of secs. 2, 3, 34 and 35, heretofore described.

Land, level alkali desert.

Soil, wet, grayish clay; brine from 1 to $1\frac{1}{2}$ ft. under surface.

No vegetation.

From the standard cor. of secs. 33 and 34 on the Salt Lake Base Line, which is a fir post, 4 ins. square; established and described by myself in the survey of the Salt Lake Base Line, R. 15 W., this group.

Thence

N. $0^{\circ}02'$ W., bet. secs. 33 and 34.

Over level land; through few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S33 on W., and
S34 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked

T1N S27 on NE.,
R15W S34 on SE.,
S33 on SW., and
S28 on NW. face; with 1 notch on S.
and 3 notches on E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp clay.

Undergrowth, few scattered salt brush.

29
SUBDIVISION OF T. 1 N., R. 15 W.

Chains

East, on random line bet. secs. 27 and 34, for flag at the cor. of secs. 26,27,34 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect the cor. of secs. 26,27,34 and 35.

Thence

West, on true line bet. secs. 27 and 34.

Over level land: through scattered brush.

39.99 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S27 on N., and
S34 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.99 The cor. of secs. 27,28,33 and 34.

Land, level alkali desert.

Soil, damp, white clay with gypsum formation near surface.

Undergrowth, scattered salt brush.

N. 0°02' W., bet. secs. 27 and 28.

Over level land: through very scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S28 on W., and
S27 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:

and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked

T1N S22 on NE.,
R15W S27 on SE.,
S28 on SW., and
S21 on NW. face; with 2 notches on S.
and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

Land, level alkali flat.

Soil, clay with gypsum formation near surface.

Undergrowth, few scattered salt brush.

East, on random line bet. secs. 22 and 27, for flag at the cor. of secs. 22, 23, 26 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect the cor. of secs. 22, 23, 26 and 27.

Thence

West, on true line bet. secs. 22 and 27.

Over level land; through few brush.

39.99 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S22 on N., and
S27 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.99 The cor. of secs. 21, 22, 27 and 28.

Land, level alkali desert.

Soil, clay with gypsum.

Undergrowth, few scattered salt brush.

N. 0°02' W., bet. secs. 21 and 22.

Over level land; through a few scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S21 on W., and
S22 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked

T1N S15 on NE.,
R15W S22 on SE.,
S21 on SW., and
S16 on NW. face; with 3 notches on S. and E. edges.

31

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, clay with gypsum formation.

Undergrowth, few scattered salt brush on S. portion.

East, on random line bet. secs. 15 and 22, for flag at the cor. of secs. 14, 15, 22 and 23.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect the cor. of secs. 14, 15, 22 and 23.

Thence

West, on true line bet. secs. 15 and 22.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S15 on N., and
S22 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, level alkali desert.

Soil, damp clay with gypsum formation.

No vegetation.

N. 0°02' W., bet. secs. 15 and 16.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S16 on W., and
S15 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked
- T1N S10 on NE.;
R15W S15 on SE.,
S16 on SW., and
S9 on NW. face; with 4 notches on S. and
3 notches on E. edge.
- Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali desert.
- Soil, wet clay with gypsum formation.
- No vegetation.
-
- East, on random line bet. secs. 10 and 15, for flag at the cor. of secs. 10,11,14 and 15.
- 40.00 Set temp. ¼ sec. cor.
- 80.00 Intersect the cor. of secs. 10,11,14 and 15.
- Thence
- West, on true line bet. secs. 10 and 15.
- Over level land; void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked
- ¼ S 10 on N.; and
S 15 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.00 The cor. of secs. 9, 10, 15 and 16.
- Land, level alkali desert.
- Soil, wet clay with gypsum formation.
- No vegetation.
-
- N. 0°02' W., bet. secs. 9 and 10.
- Over level land; void of vegetation.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground for ¼ sec. cor., marked

SUBDIVISION OF T. 1 N., R. 18 W.

$\frac{1}{4}$ S9 on W., and
S10 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high.

W. of cor. Deposit a quart of glass at base of monument.

39.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 3, 4, 9 and 10, marked

T1N S3 on NE.,
R16W S10 on SE.,
S9 on SW., and
S4 on NW. face: with 5 notches on S.
and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet clay with gypsum formation; a heavy brine is
encountered at from 18 to 24 ins. beneath the surface.

No vegetation.

East, on random line bet. secs. 3 and 10, for flag at
the cor. of secs. 2, 3, 10 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the cor. of secs. 2, 3, 10 and 11.

Thence

West, on true line bet. secs. 3 and 10.

Over level land; void of vegetation.

39.99 Set a fir post, 3 ft. long, 4 ins. square, 36 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on N., and
S10 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high.

N. of cor. Deposit a quart of glass at base of monument.

79.98 The cor. of secs. 3, 4, 9 and 10.

Land, level alkali desert.

Soil, wet clay saturated with mineral; brine encountered
at from 1 to 1 $\frac{1}{2}$ ft. beneath the surface.

No vegetation.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

N. $0^{\circ}06'$ W., on true line bet. secs. 3 and 4, for flag
at the cor. of secs. 3, 4, 33 and 34 on N. bdy.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S4 on W., and
S3 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monumen

80.07 Intersect the N. bdy. of tp., at the cor. of secs. 3, 4,
33 and 34, heretofore described.

Land, level alkali desert.

Soil, wet, sticky, white clay: thin crust of salt on
surface of portions of mile; brine encountered at from
1 to $1\frac{1}{2}$ ft. beneath surface.

No vegetation.

From the standard cor. of secs. 32 and 33 on the Salt
Lake Base Line, which is a fir post, 4 ins. square;
established and described by myself in survey of Salt
Lake Base Line, R.15 W., this group.

Thence

N. $0^{\circ}03'$ W., bet. secs. 32 and 33.

Over level land; through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S32 on W., and
S33 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monumen

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 28, 29, 32 and 33, marked

T1N S28 on NE.,
R15W S33 on SE.,
S32 on SW.; and
S29 on NW. face; with 1 notch on

SUBDIVISION OF T. 1 N., R. 15 W.

S. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, firm, brown clay.

Undergrowth, scattered salt brush, 1 ft. high.

East, on random line bet. secs. 28 and 33, for flag at
the cor. of secs. 27, 28, 33 and 34.

40.00 Set temp. ¼ sec. cor.

79.97 Intersect the cor. of secs. 27, 28, 33 and 34.

Thence

West, on true line bet. secs. 28 and 33.

Over level land; through scattered brush.

39.98½ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for ¼ sec. cor., marked

¼ S28 on N., and
S33 on S. face

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3½ ft. base, 1½ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 28, 29, 32 and 33.

Land, level alkali desert.

Soil, damp clay.

Undergrowth, scattered salt brush.

N. 0°02' W., bet. secs. 28 and 29.

Over level land; through scattered brush.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for ¼ sec. cor., marked

¼ S29 on W., and
S28 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3½ ft. base, 1½ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

- 80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked
- T1N S21 on NE.,
R15W S28 on SE., ✓
S29 on SW., and
S20 on NW. face; with 2 notches on S.
and 4 notches on E. edge.
- Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali desert.
- Soil, damp, brownish clay.
- Undergrowth, scattered salt brush.
-
- East, on random line bet. secs. 21 and 28, for flag at the cor. of secs. 21, 22, 27 and 28.
- 40.00 Set temp. ¼ sec. cor.
- 79.97 Intersect the cor. of secs. 21, 22, 27 and 28.
- Thence
- West, on true line bet. secs. 21 and 28.
- Over level land; through scattered brush.
- 39.98½ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked
- ¼ S21 on N., and
S28 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 79.97 The cor. of secs. 20, 21, 28 and 29.
- Land, level alkali desert.
- Soil, clay.
- Undergrowth, scattered salt brush.
-
- N. 0°03' W., bet. secs. 20 and 21.
- Over level land; through scattered brush.
- 40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

$\frac{1}{4}$ S20 on W., and
S21 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, marked

T1N S16 on NE.,
R15W S21 on SE.,
S20 on SW., and
S17 on NW. face; with 3 notches on
S. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, white clay.

Undergrowth, very scattered salt brush.

East, on random line bet. secs. 16 and 21, for flag at
the cor. of secs. 15, 16, 21 and 22.

40.00 Set temp. 1 sec. cor.

79.97 Intersect the cor. of secs. 15, 16, 21 and 22.

Thence

West, on true line bet. secs. 16 and 21.

Over level land; through some scattered brush.

39.98 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S16 on N., and
S21 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.97 The cor. of secs. 16, 17, 20 and 21.

Land, level alkali desert.

Soil, damp, whitish clay.

Undergrowth, some scattered salt brush.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over level land; through few scattered brush.

20.00 Leave all vegetation, bears generally E. and W.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S17 on W. and
S16 on E. face

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 8,9,16 and 17, marked

T1N S9 on NE.,
R15W S16 on SE.,
S17 on SW., and
S8 on NW. face; with 4 notches on
S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, white clay with some gypsum formation.

Undergrowth, few scattered salt brush on S. portion.

East, on random line bet. secs. 9 and 16, for flag at the cor. of secs. 9,10,15 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect the cor. of secs. 9,10,15 and 16.

Thence

West, on true line bet. secs. 9 and 16.

Over level land; void of vegetation.

39.99 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S9 on N., and
S16 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

79.98 The cor. of secs. 8, 9, 16 and 17.

Land, level alkali desert.

Soil, damp, white clay with thin layer of gypsum formation.

No vegetation.

N. $0^{\circ}03'$ W., bet. secs. 8 and 9.

Over level land: void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground; for $\frac{1}{2}$ sec. cor., marked

18 on W., and
19 on E. face

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 30 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked

TIN 24 on NE.,
15" 22 on SE.,
18 on SW., and
15 on NW. face: with 5 notches on
S. and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, white clay, with some gypsum formation.

No vegetation.

East, on random line bet. secs. 4 and 9, for flag at the cor. of secs. 3, 4, 9 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.01 Intersect the cor. of secs. 3, 4, 9 and 10.

Thence

West, on true line bet. secs. 4 and 9.

Over level land: void of vegetation.

40.00 $\frac{1}{2}$ Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

$\frac{1}{4}$ S4 on N., and
S9 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.01 The cor. of secs. 4, 5, 8 and 9.

Land, level alkali desert.

Soil, wet clay with some gypsum formation.

No vegetation.

N. $0^{\circ}06'$ W., on true line bet. secs. 4 and 5, for flag
at the cor. of secs. 4, 5, 32 and 33 on N. bdy.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S5 on W., and
S4 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.07 Intersect the N. bdy. of tp., at the cor. of secs. 4, 5,
32 and 33, heretofore described.

Land, level alkali desert.

Soil, wet clay with gypsum formation.

No vegetation.

From the standard cor. of secs. 31 and 32 on the Salt
Lake Base Line, reconstructed and described by me in
survey of the Salt Lake Base Line, R. 15 W., this group

Thence

N. $0^{\circ}04'$ W., bet. secs. 31 and 32.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S31 on W., and
S32 on E. face

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart. of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 29, 30, 31 and 32, marked

T1N S29 on NE.,
R15W S32 on SE.,
S31 on SW., and
S30 on NW. face: with 1 notch on S.
and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, firm, brownish clay.

No vegetation.

S. $89^{\circ}59'$ E., on random line bet. secs. 29 and 32, for
flag at the cor. of secs. 28, 29, 32 and 33.

40.00 Set temp. sec. cor.

79.94 Intersect the cor. of secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 29 and 32.

Over level land: void of vegetation.

39.97 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{2}$ sec. cor., marked

$\frac{1}{2}$ S29 on N., and
S32 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, $3\frac{1}{2}$ ft. base, 1 ft. high;
N. of cor. Deposit a quart of glass at base of monument.

79.94 The cor. of secs. 29, 30, 31 and 32.

Land, level alkali desert.

Soil, damp, firm clay.

No vegetation.

N. $89^{\circ}58'$ W., on true line bet. secs. 30 and 31, for
flag at the original cor. of secs. 25, 30, 31 and 36, on

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

W. bdy. of tp.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S30 on N., and
S31 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument

79.97 Intersect W. bdy. of tp., at the original cor. of secs. 25, 30, 31 and 36, which is the center of a glass deposit; all trace of the mound of earth has disappeared: witnessed by traces of 4 pits, one in each sec., 4 ft. dist., and by a stake 2 ins. sq., showing 2 ins. above ground, properly marked. I reconstruct cor. at same point with a fir post, 4 ft. long, 4 ins. sq., 36 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, marked

T1N S30 on NE.,
R15W S31 on SE.,
R16W S36 on SW., and
S25 on NW. face; with 1 notch on S. and 5 notches on N. edge.

Land, level alkali flat.

Soil, firm, brownish clay.

No vegetation.

From the cor. of secs. 29, 30, 31 and 32.

N. $0^{\circ}04'$ W., bet. secs. 29 and 30.

Over level land with a few scattered brush on 1st. half mile.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S30 on W., and
S29 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument

SUBDIVISION OF T. 1 N., R. 15 W

30.90 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked.

T1N S20 on NE.,
R15W S29 on SE.,
S30 on SW., and
S19 on NW. face; with 2 notches on
S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, firm, brownish clay.

Undergrowth, few salt brush on southern portion.

S. $89^{\circ}59'$ E., on random line bet. secs. 20 and 29, for
flag at the cor. of secs. 20, 21, 28 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect the cor. of secs. 20, 21, 28 and 29.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 20 and 29.

Over level land; void of vegetation.

39.97 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S20 on N., and
S29 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.94 The cor. of secs. 19, 20, 29 and 30.

Land, level alkali desert.

Soil, firm dark colored clay.

Undergrowth, few salt brush on western portion of mile.

N. $89^{\circ}58'$ W., on true line bet. secs. 19 and 30, for flag
at the original cor. secs. 19, 24, 25 and 30 on W. bdy.

Over level land; void of vegetation.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S19 on N., and
S30 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument

79.90 Intersect W. bdy. of tp., at the original cor. of secs. 19, 24, 25 and 30, which is center of glass deposit, 4 ins. beneath surface; witnessed by traces of 4 pits one in each sec., 4 ft. dist., and by a pine stake 2 ins. sq., showing 2 ins. above ground, properly marked. I reconstruct cor. at same point with a fir post, 4 ins. sq., 4 ft. long, set 36 ins. in the ground for cor. of secs. 19, 24, 25 and 30, marked

T1N S19 on NE.,
R15W S30 on SE.,
B16W S25 on SW., and
S24 on NW. face; with 2 notches
on S. and 4 notches on N. edge.

Land, level alkali flat.

Soil, firm, dark clay.

No vegetation.

From the cor. of secs. 19, 20, 29 and 30.

N. $0^{\circ}04'$ W., bet. secs. 19 and 20.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S19 on W., and
S20 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked

T1N S17 on NE.,
R15W S20 on SE.,
S19 on SW., and

SUBDIVISION OF T. 1 N., R. 15 W.

S18 on NW. face; with 3 notches on S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument..

Land, level alkali desert.

Soil, brown clay.

No vegetation.

S. 89°58' E., on random line bet. secs. 17 and 20, for flag at the cor. of secs. 16,17,20 and 21.

40.00 Set temp. ¼ sec. cor.

79.90 Intersect the cor. of secs. 16,17,20 and 21.

Thence

N. 89°58' W., on true line bet. secs. 17 and 20.

Over level land; void of vegetation.

3 9.95 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S17 on N., and
S20 on E. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:

and raise a mound of earth, 3½ ft. base, 1½ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

79.90 The cor. of secs. 17, 18, 19 and 20.

Land, level alkali desert.

Soil, firm brownish clay.

No vegetation..

N. 89°59' W., on true line bet. secs. 18 and 19, for flag at original cor. of secs. 13,18,19 and 24 on W. bdy.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S18 on N., and
S19 on S. face.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. N. of cor. Deposit a quart of glass at base of monument.

79.79 Intersect W. bdy. of tp., at the original cor. of secs. 13, 18, 19 and 24, which is the center of a glass deposit, 4 ins. under surface; witnessed by dim trace of pits, one in each sec., 4 ft. dist.; and by a pine stake, 2 ins. sq., showing 2 ins. above ground, properly marked; no evidence of the mound of earth over deposit. I reconstruct cor. at same point as follows: Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, marked

T1N S18 on NE.,
R15W S19 on SE.,
R16W S24 on SW., and
S13 on NW. face; with 3 notches on N. and S. edges.

Land, level alkali desert.

Soil, dark, damp clay; slight salty crust on surface.

No vegetation.

From the cor. of secs. 17, 18, 19 and 20.
N. $0^{\circ}04'$ W., bet. secs. 17 and 18.
Over level land: void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S18 on W., and
S17 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked

T1N S8 on NE.,
R15W S17 on SE.,
S18 on SW., and
S7 on NW. face; with 4 notches on S. and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

47
SUBDIVISION OF T. 1 N., R. 15 W.

ains

Land, level alkali desert.

Soil, damp brownish clay.

No vegetation.

S. 89°58' E., on random line bet. secs. 8 and 17, for
flag at the cor. of secs. 8,9,16 and 17.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.86 Intersect the cor. of secs. 8,9,16 and 17.

Thence

N. 89°58' W., on true line bet. secs. 8 and 17.

Over level land: void of vegetation.

39.93 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S8 on N., and
S1 7 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.86 The cor. of secs. 7, 8, 17 and 18.

Land, level alkali desert.

Soil, damp, brownish clay.

No vegetation.

N. 89°59' W., on true line bet. secs. 7 and 18, for flag
at the cor. of secs. 7,12,13 and 18 on W. bdy.

Over level land: void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on N., and
S18 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.69 Intersect W. bdy. of tp., at the original cor. of secs.
7,12,13 and 18, which is center of a glass deposit:

46

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

all evidence of the mound of earth has disappeared; witnessed by traces of pits, one in each sec., 4 ft. dist.; and by a pine stake, 2 ins. sq., showing 2 in. above ground, properly marked. I reconstruct cor. at same point as follows: Set a fir post, 4 ins. sq., 4 ft. long, set 36 ins. in the ground, for cor. of sec. 7, 12, 13 and 18, marked

T1N S7 on NE.,
R15W S18 on SE.,
R16W S13 on SW., and
S12 on NW. face; with 4 notches
S. and 2 notches on N. edge.

Land, level alkali desert.

Soil, damp, firm brownish clay.

No vegetation.

From the cor. of secs. 7, 8, 17 and 18.

N. 0°04' W., bet. secs. 7 and 8.

Over level land: void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on W., and
S8 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked

T1N S5 on NE.,
R15W S8 on SE.,
S7 on SW., and
S6 on NW. face; with 5 notches on
S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, damp, firm brownish clay.

No vegetation.

SUBDIVISION OF T. 1 N., R. 15 W.

S. $89^{\circ}58'$ E., on random line bet. secs. 5 and 8, for flag at the cor. of secs. 4, 5, 8 and 9.

Set temp. $\frac{1}{4}$ sec. cor.

Intersect the cor. of secs. 4, 5, 8 and 9.

Thence

N. $89^{\circ}58'$ W., on true line bet. secs. 5 and 8.

Over level land; void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S5 on N., and
S8 on S. face.

Dig pits, $18 \times 18 \times 12$ ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

The cor. of secs. 5, 6, 7 and 8.

Land, level alkali desert.

Soil, damp, brown clay.

No vegetation.

N. $89^{\circ}59'$ W., on true line bet. secs. 6 and 7, for flag at the cor. of secs. 1, 6, 7 and 12 on W. bdy.

Over level land; void of vegetation.

Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S6 on N., and
S7 on S. face.

Dig pits, $18 \times 18 \times 12$ ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

Intersect W. bdy. of tp., at the original cor. of secs. 1, 6, 7 and 12, which is center of glass deposit; all evidence of mound of earth has disappeared; witnessed by traces of 4 pits, one in each sec., 4 ft. dist.; and by a pine stake in SE. pit, 2 ins. sq., showing 2 ins. above ground, properly marked. I reconstruct cor. at same point as follows: Set a fir post, 4 ft. long, 4 ins. sq., 36 ins. in the ground, for cor. of secs.

SUBDIVISION OF T. 1 N., R. 15 W.

Chains

1, 6, 7 and 12, marked

T1N S6 on NE.,
R15W S7 on SE.,
R16W S12 on SW., and
S1 on NW. face; with 5 notches on S.
and 1 notch on N. edge.

Land, level alkali desert.

Soil, damp, brownish clay.

No vegetation.

From the cor. of secs. 5, 6, 7 and 8.

N. 0°15' W., on true line bet. secs. 5 and 6, for flag
at the cor. of secs. 5, 6, 31 and 32 on N. bdy.

Over level land; void of vegetation.

40.00 Set a fir post, 3 ft. long, 4 ins. square, 30 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S6 on W., and
S6 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monumen

80.03 Intersect N. bdy. of tp., at the cor. of secs. 5, 6, 31 and
32, heretofore described.

Land, level alkali desert.

Soil, damp clay.

No vegetation.

BOUNDARIES OF T. 1 N., R. 15 W.

Latitudes, departures and closing errors.

Lines Designated	True Bearing	Dist- ances Chs.	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
West Boundary	South	480.00		480.00		
S.L. Base Line, R15W	East	480.00			480.00	
East Boundary	North	480.00	480.00			
North Boundary	S. 89° 59' W	479.19		.14		479.19
Convergency						.61
T o t a l s			480.00	480.14	480.00	479.80
				480.00	479.82	
Error in lat. and dep.				0.14	0.18	

GENERAL DESCRIPTION OF T. 1 N., R. 15 W.

General Description T. 1 N., R. 15 W.

This township is situated on the Great American Desert and is one vast level alkali flat, with the exception of a few small scattered sandy rises or low knolls from 5 to 15 ft. high in the southeast corner. There is no drainage.

The soil is a damp to wet, sticky clay, saturated with mineral of saline character; through a large portion of the land the clay is mixed with layers of gypsum or lime formation lying close to the surface. A heavy brine is found at from 1 to 4 ft. beneath the surface on the major portion of the township, lying closer to the surface in the northeast portion.

A very scattered growth of salt brush about 1 ft. in height is found along the southern part of the township, while the remainder is barren and destitute of vegetation.

There are no settlers nor improvements in the township.

No indications of coal, oil, nor mineral other than of saline character were found.

No magnetic declination was taken, owing to defective needle.

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Page

4-680

NAMES.

CAPACITY.

Chairman

Chainman

Flagman

Cornerman (July 20-24th)

~~U.S. CADASTRAL ENGINEER~~
CERTIFICATE OF

I, Andrew Nelson U.S. Cadastral Engineer, ~~Ex-Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah dated April 11, 1925 and supplemental instructions from the District Cadastral Engineer bearing date of the 28th day of July, 1925, I have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the west and north boundaries and the subdivisional lines of Township 2 North Range 15 West and the reconstruction of section corners on west boundary of said township, all of the Salt Lake Base and

of the _____
_____ Meridian, in the State of Utah, which are represented on dates as shown on date diagram page 1 the foregoing field notes as having been executed by me/and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and the District Cadastral Engineer and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at
Salt Lake City, Utah
Nov. 4, 1926.

Andrew Nelson
U.S. Cadastral Engineer U.S. 8x8cm

APPROVAL.

Supervisor of Surveys
OFFICE OF THE UNITED STATES ~~Surveyor General~~

November 24, 1926

The foregoing field notes of the survey of the east and north boundaries and subdivision and reconstruction of section corners on west boundary of T. 1 N., R. 15 W., S. L. B. & M.,

executed by Andrew Nelson, U. S. Cadastral Engineer,
under his special instructions dated April 11 and July 28, 1925, having critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.

Donald H. Johnson
Supervisor of Surveys U.S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

BOOK A-480

"C"

RECEIVED

NOV 1 1926
District Cadastral Engineer,
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

WEST, EAST, AND NORTH BOUNDARIES

AND

SUBDIVISION

OF

TOWNSHIP NO. 2 NORTH, RANGE NO. 15 WEST

Of the SALT LAKE BASE AND Meridian,

The State of U T A H

EXECUTED BY

Andrew Nelson, U. S. Cadastral Engineer

~~As Captain of U. S. Surveyors~~, under instructions dated April 11, 1925, ~~191~~,
 July 28, 1925, and District Cadastral Engineer respectively
 ed by the United States Surveyor General to govern surveys included in
 up No. 134, which were approved by the Commissioner of the General Land
 e, April 21, 1925 and Aug. 31, 1925, respectively. Supplemental As-
 ment instructions dated June 14, 1926.
 rose dated -----, 191--

Survey commenced July 26, 1926, 191

Survey completed August 5, 1926, 191

300K A-480

INDEX DIAGRAM.

Township 13 North 17 Range 15 West 16 15												
7	6	55	5	45	4	39	3	32	2	25	1	14
	55		54		45		38		31		24	
7	7	54	8	44	9	37	10	30	11	24	12	13
	53		52		44		37		30		23	
6	14	52	17	43	16	36	15	29	14	32	18	11
	51		51		42		35		29		22	
5	19	50	20	42	21	35	22	28	23	21	24	10
	43		49		41		34		27		21	
5	20	48	29	40	28	33	27	27	26	20	25	9
	47		47		40		33		26		19	
4	31	46	32	39	38	32	34	25	35	19	26	8

157A

BOOK A-480

4-879 b

INDEX DIAGRAM.

Township 2 N., Range 15 W.

	322	321	321	320	320	319
311	359	349	343	336	329	318
	354	348	342	335	328	
311	358	348	341	334	328	317
	357	346	341	334	327	
310	356	347	340	333	326	315
	355	346	339	333	326	
309	354	346	339	332	325	314
	353	345	338	331	325	
309	352	344	337	331	324	313
	351	344	337	330	323	
308	350	343	336	329	323	312

DATE DIAGRAM TOWNSHIP 2 NORTH RANGE 15 WEST.

7-26/26						
6 8-5/26	5 8-5/26	4 8-5/26	3 8-5/26	2 8-5/26	1 8-5/26	7-27/26
7 8-4/26	8 8-4/26	9 8-4/26	10 8-4/26	11 8-4/26	12 8-4/26	7-27/26
13 8-4/26	14 8-4/26	15 8-4/26	16 8-4/26	17 8-4/26	18 8-4/26	7-27/26
19 8-4/26	20 8-4/26	21 8-4/26	22 8-4/26	23 8-4/26	24 8-4/26	7-27/26
25 8-4/26	26 8-4/26	27 8-4/26	28 8-4/26	29 8-4/26	30 8-4/26	7-27/26
31 8-4/26	32 8-4/26	33 8-4/26	34 8-4/26	35 8-4/26	36 8-4/26	7-27/26

All lines surveyed by Andrew Nelson, N. P. S. 1901
Engineer.

TOWNSHIP 2 NORTH, RANGE 15 WEST.

Survey commenced July 25, 1926 and executed with a Burt & Buff transit No. 9978, equipped with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated June 14, 1926.

The country over which the lines of this survey pass is level and open; all azimuth determinations were accomplished by observations made on Polaris, and the lines projected therefrom by double fore and back sight.

I examine the adjustments of the transit and correct all errors.

Polaris Observations.

July 25, 1926 at the corner of Tps. 1 and 2 N., R. 15 W., established by me and heretofore described, lat. (approximate) $40^{\circ} 51' N.$; long. $113^{\circ} 32' W.$, at 11h 25.3 m. p.m.l.m.t., I observe Polaris at eastern elongation, making six observations, three each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a lath driven vertically in the ground $\frac{1}{2}$ mile N., east to Polaris.

Azimuth of Polaris	$1^{\circ} 37' 00''$
Mean deflection angle	$1^{\circ} 26' 45''$

True bearing of lath N. $0^{\circ} 00' 15'' E.$

July 29, 1926, at the corner of Tps. 1 and 2 N., Rs. 14 and 15 W. in approximate lat. $40^{\circ} 51' N.$; long. $113^{\circ} 36' W.$ at 11h 10.3m p.m.l.m.t., I observe Polaris at eastern elongation, making six observations, three

TOWNSHIP 2 NORTH RANGE 15 WEST.

each with telescope in direct and reversed position; reading the deflection angle from a lath firmly driven in the ground north $\frac{1}{2}$ mile, east to Polaris.

Azimuth of Polaris, at eastern elongation,	1° 37' 00"
Mean deflection angle	.1° 26' 45"
True bearing of lath	N. 0° 00' 15" E.

All measurements are made with a Lallie steel ribbon tape, eight (8) chains in length, compared with a Lufkin Standard steel tape one chain in length, and found correct.

METHOD AND ORDER OF PROCEDURE.

The west boundary is run north from the corner of Tps. 1 and 2 N., Rs. 15 and 16 W. a distance of 3 miles, where I established the corner of Tps. 2 and 3 North, Ranges 15 and 16 W.

The east boundary or range line between Rs. 14 and 15 W. is run North from the corner of Tps. 1 and 2 N., R. 15 W. a distance of 3 miles, where I established the corner of Tps. 2 and 3 N., R. 15 W. Double sets of corners are set along this range line; one at regular intervals from the SE. cor. of T. 2 N., R. 15 W. and one at regular intervals from the corner of Tps. 1 and 2 N., R. 14 W.

The north boundary is run S. 82° 59' W. on a true line a distance of 478.58 chs. to intersection of corner of Tps. 2 and 3 N., Rs. 15 and 16 W.; setting corners at regular intervals of 40 and 30 chs., and placing the fractional distance in the western half-mile.

The subdivision of the township was carried forth regularly from south to north and from east to west, fractional distances placed against the north and west boundaries.

TOWNSHIP 2 NORTH, RANGE 15 WEST.

Owing to the saline character of the soil the regulation iron posts are substituted with dressed fir posts with gabled or wedge-shaped top, 4 ins.sq., 3 and 4 foot lengths. The top half of the posts is saturated with linseed oil.

WEST BOUNDARY T. 2 N.R.15 W.

From the corner of Tps. 1 and 2 N., Rs. 15 and 16 W. heretofore described,

North between Secs.31 and 36,

Over level land; through scant salt brush.

40.00 Set a fir post, 4 ins.sq., 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor. marked

$\frac{1}{4}$ S36 on W.
S31 on E. face.

Dig pits 18 x 18 x 12 ins. N. and S.of post, 3 ft.dist. and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

30.00 Set a fir post 4 ins.sq., 4 ft.long, 36 ins.in the ground, for cor.of secs.25,30,31, and 36, marked

T 2 N S 30 on NE.
R 15 W S31 on SE.
R 16 W S36 on SW.; and
S 25 on NW face, with 1 notch on S. and 5

notches on N.edges.

Dig pits 18 x 18 x 12 ins.in each section 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft.base, 2 ft.high W. of cor. Deposit a quart of glass at base of monument.

Land level.

Soil baked clay.

Undergrowth, scant salt brush.

No timber.

WEST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

North between Secs.25 and 30,

Over level land; through scant salt brush.

40.00 Set a fir post 4 ins.sq., 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner; marked

$\frac{1}{4}$ S25 on W.
S30 on E.face.

Dig pits 18 x 18 x 12 ins.N. and S.of post 3 ft.dist.
and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.
of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.sq., 4 ft.long, 36 ins.in the ground, for cor.of secs.19, 24, 25, and 30, marked

T 2 N S19 on NE.
R15 W S30 on SE.
R16 W S25 on SW.
S24 on NW.faces; with 2 notches on S. and

4 notches on N.edges. Dig pits 18 x 18
x 12 ins.in each section $5\frac{1}{2}$ ft. dist.; and raise a
mound of earth 4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, baked clay.

Undergrowth, scant salt brush.

No timber.

North between Secs.19 and 24,

Over level land.

25.50 Leave level land; thence over rough hummocks and sand rises, bearing E. and W.

38.50 Leave rough hummocks and sand rises; enter level land with scant salt brush.

40.00 Set a fir post 4 ins.sq., 4 ft.long, 36 ins.in the ground for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S19 on E.
S24 on W.face.

Dig pits 18 x 18 x 12 ins.N. and S.of post 3 ft.dist.

WEST BOUNDARY T. 2 NORTH RANGE 15 WEST.

Chains.	and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner. Deposit a quart of glass at base of monument.
30.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for corner of Secs. 13, 18, 19 and 24, marked T 2N S18. on NE. R15W S19 on SE. R16W S24 on SW. S13 on NW. face, with 3 notches on N. and S edges. Dig pits 13 x 13 x 12 ins. in each section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument. Land level, with rough hummocks and sand rises on 13 chs. Soil, baked clay. Undergrowth scant salt brush. No timber.
40.00	North between Secs. 13 and 18, Over level land, through scant salt brush. Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S13 on W. S18 on E. face. Dig pits 13 x 13 x 12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of corner. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for corner of Secs. 7, 12, 13, and 18, marked T 2N S7 on NE.. R15W S18 on SE. R16W S13 on SW. S12 on NW. face.; 4 notches on S. and 2 on N. edges. Dig pits 13 x 13 x 12 ins. in each section $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of corner.

WEST BOUNDARY TOWNSHIP 2 NORTH R. 15 W.

Chains. Deposit a quart of glass at base of monument.
Land, level.
Soil, damp clay.
Undergrowth, scant salt brush. No timber.

North between Secs. 7 and 12,
Over level land; through scant salt brush.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. corner, marked

$\frac{1}{4}$ S12 on W.
S 7 on E. face.

Dig pits 18 x 18 x 12 ins. N. and S. of post 2 ft. dist.;
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W.
of corner.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground, for cor. of secs. 1, 6, 7, and 12, marked

T 2N S6 on NE.
R15W S7 on SE.
R13W S12 on SW.
S 1 on NW. face; with 1 notch on N. and 5

notches on S. edges.

Dig pits 18 x 18 x 12 ins. in each section 5 $\frac{1}{2}$ ft. dist.
and raise a mound of earth 4 ft. base, 2 ft. high W.
of corner.

Deposit a quart of glass at base of monument.

Land, level.

Soil, clay.

Undergrowth, scant salt brush. No timber.

North between Secs. 1 and 6,

Over level land; through salt brush.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. corner; marked

$\frac{1}{4}$ S1 on W.
S6 on E. face.

-8-

WEST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

Dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W.
of corner.

Deposit a quart of glass at base of monument.

30.00

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground for cor. of Tps. 2 and 3 N. Rs. 15 and 16 W.
marked

T 3N S31 on NE.

R15W S6 on SE.

T 2N S1 on SW.

R16W S36 on NW faces, with 6 notches on N.

S., E. and W. edges.

Dig pits 18 x 18 x 12 ins. on each line N. E. and W. 4 ft
and S. of post 8 ft. dist.; and raise a mound of earth
5 ft. base, $2\frac{1}{2}$ ft. high S. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet clay.

Undergrowth, salt brush. No timber.

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

From the corner of Tps. 1 and 3 North, R. 15 W., estab-
lished by me, and heretofore described; whence

The cor. of Tps. 1 and 3 North R. $14\frac{1}{2}$ W., also estab-
lished by me and described in the notes of T. 1 N. R.
15 W., this group, bears South 45.12 chs. dist.

North between Secs. 31 and 36

Over level alkali flat.

34.88

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the grou
for corner of Secs. 25 and 36 T. 2 N. R. $14\frac{1}{2}$ W., marked

T 2N S25 on NE.

R14 $\frac{1}{2}$ W. S36 on SE. face, with 1 notch on S.

and 5 notches on N. edges.

Dig pits 18 x 18 x 12 ins. NE. and SE. of post $5\frac{1}{2}$ ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

high E.of cor.

Deposit a quart of glass at base of monument.

40.00 Set a fir post 4 ins.square, 3 ft.long, 30 ins. in the ground, for $\frac{1}{4}$ sec.corner Sec.36 T. 2 N. R. 15 W., marked $\frac{1}{4}$ S36 on W.face; dig pits 18 x 18 x 18 ins. N. and S.of post, 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

74.88 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground for $\frac{1}{4}$ sec.corner Sec.25, T. 2 N. R. 14 $\frac{1}{2}$ W. marked $\frac{1}{4}$ S25 on E.face; dig pits 18 x 18 x 18 ins. N. and S.of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high E. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.25 and 36 T. 2 N. R. 15 W. marked

T 2N S25 on NW.

R. 15W S36 on SW.faces; with 1 notch on S.

and 5 notches on N.edges.

Dig pits 18 x 18 x 18 ins.NW. and SW.of post 5 $\frac{1}{2}$ ft.dist. and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft. high W.of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil white, wet clay. Brine is found from 12 to 15 ins. beneath surface. Thin layer of gypsum.

No vegetation.

North along E.bdy. Sec.25,

Over level alkali flat.

34.88 Set a fir post 4 ins.square, 4 ft. long, 36 ins.in the ground, for corner of Secs.24 and 25 T. 2 N. R. 14 $\frac{1}{2}$ W. marked

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	<p>T 2N S24 on NE. R14$\frac{1}{2}$W.S25 on SE.face; with 2 notches on S. and 4 notches on N.edges. Dig pits 18 x 18 x 12 ins. NE. and SE.of post 5$\frac{1}{2}$ ft.dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft.high E.of cor.</p>
	<p>Deposit a quart of glass at base of monument.</p>
40.00	<p>Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ sec.corner Sec.25 T. 2 N. R. 15 W. ✓ marked $\frac{1}{4}$ S25 on W.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft.high W.of cor.</p>
	<p>Deposit a quart of glass at base of monument.</p>
74.83	<p>Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ✓ ground, for $\frac{1}{4}$ section corner Sec.24 T. 2 N. R. 14$\frac{1}{2}$ W. marked $\frac{1}{4}$ S24 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft.high E.of cor.</p>
	<p>Deposit a quart of glass at base of monument.</p>
30.00	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner.of Secs.34 and 25 T. 2 N. R. 15 W. marked</p>
	<p>T 2N S24 on NW. R15W S25 on SW.faces; with 2 notches on S. and 4 notches on N.edges; dig pits 18 x 18 x 12 ins. NW. and SW. of post 5$\frac{1}{2}$ ft.dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft.high W.of cor.</p>
	<p>Deposit a quart of glass at base of monument.</p>
	<p>Land, level alkali flat.</p>
	<p>Soil, white, muddy clay, with layer of gypsum. Brine found at 18 ins.beneath surface.</p>
	<p>No vegetation.</p>
	<p>North along E.boundary of Sec.24,</p>
	<p>Over level land.</p>
34.33	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the</p>

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

ground, for corner of Secs.13 and 34 T. 2 N. R. 14¹/₂ W.
marked

T 2N S13 on NE.

R14¹/₂W S24 on SE.faces; with 3 notches on

N. and S.edges; dig pits 18 x 13 x 12 ins.NE. and SE.
of post 5¹/₂ ft.dist.; and raise a mound of earth 3¹/₂ ft.
base, 1¹/₂ ft.high E.of cor.

Deposit a quart of glass at base of monument.

40.00 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the
ground, for $\frac{1}{4}$ sec.cor. Sec.34 T. 2 N. R. 15 W.,marked
 $\frac{1}{4}$ S24 on W.face; dig pits 18 x 13 x 12 ins.N. and S.
of post 3 ft.dist.; and raise a mound of earth 3¹/₂ ft.
base, 1¹/₂ ft.high W.of cor.

Deposit a quart of glass at base of monument.

74.88 Set a fir post 4 ins.square, 3 ft. long, 30 ins.in the
ground, for $\frac{1}{4}$ sec.cor. Sec.13 T. 2 N. R. 14¹/₂ W. marked
 $\frac{1}{4}$ S13 on E.face; dig pits 18 x 13 x 12 ins. N. and S.of
post 3 ft.dist.; and raise a mound of earth 3¹/₂ ft.
base, 1¹/₂ ft.high E.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 30 ins.in the
ground, for cor.of sections 13 and 34, T. 2 N. R. 15 W.
marked

T 2N S13 on NW.

R1¹/₂W S24 on S^W.faces; with 3 notches on N.

and S. edges; dig pits 18 x 13 x 12 ins.NW. and SW.
of post 5¹/₂ ft.dist.; and raise a mound of earth 3¹/₂ ft.
base, 1¹/₂ ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil white, wet clay, with layer of gypsum. Brine found
at 24 ins.beneath surface.

No vegetation.

North along E.boundary of Sec.13,

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 14 WEST

Chains.

Over level land.

- 34.88 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground for cor.of Secs.13 and 13 T. 3 N. R. 14 W.
marked

T 2W S13 on NE.

R14W S13 on SE.faces; with 2 notches on N
and 4 notches on S.edges; dig pits 18 x 18 x 12 ins.
NE. and SW.of post 5 ft. dist.; and raise a mound of
earth 3 1/2 ft.base, 1 1/2 ft.high E.of cor.

Deposit a quart of glass at base of monument.

- 40.80 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the
ground, for 1/4 sec.corner Sec.13 T. 3 N. R. 15 W.
marked 1/4 S13 on W.face; dig pits 18 x 18 x 12 ins.
N. and S.of post 7 ft.dist.; and raise a mound of
earth 3 1/2 ft.base, 1 1/2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

- 74.88 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the
ground, for 1/4 sec.cor. Sec.13 T. 3 N. R. 14 1/2 W.marked
1/4 S13 on E.face; dig pits 18 x 18 x 12 ins.W. and S.
of post 3 ft.dist.; and raise a mound of earth 3 1/2 ft.
base, 1 1/2 ft.high E.of cor.

Deposit a quart of glass at base of monument.

- 87.80 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for cor.of secs.12 and 13 T. 2 N. R. 15 W.
marked T 3N S12 on NW.
R15W S12 on SW.faces; with 4 notches on S. and
2 notches on N.edges; dig pits 18 x 18 x 12 ins.NW.
and SW.of post 5 ft.dist.; and raise a mound of earth
3 1/2 ft. base, 1 1/2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet clay; gypsum formation on surface. Brine found
at 18 ins.beneath the surface.

No vegetation.

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains

North along E. boundary Sec.12.

Over level land.

34.88

Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.1 and 12 T. 2 N. R.14 $\frac{1}{2}$ W. marked

T 2N S1 on NE.

R14 $\frac{1}{2}$ W S12 on SE.faces, with 1 notch on N.

and 5 notches on S.edges; dig pits 13 x 13 x 13 ins. NE. and SE.of post 5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high E.of cor.

Deposit a quart of glass at base of monument.

40.00

Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner Sec.12 T. 2 N. R.14 $\frac{1}{2}$ W. marked $\frac{1}{4}$ S12 on W.face; dig pits 13 x 13 x 13 ins. N. and S. of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

74.88

Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner Sec.1 T. 2 N. R. 14 $\frac{1}{2}$ W. marked $\frac{1}{4}$ S 1 on E.face; dig pits 13 x 13 x 13 ins.N. and S. of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high E.of cor.

Deposit a quart of glass at base of monument.

80.00

Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.1 and 12 T. 2 N. R. 15 W. marked

T 2N S 1 on NW.

R15W S12 on SW.faces; with 1 notch on N.

and 5 notches on S.edges; dig pits 13 x 13 x 13 ins. NW. and SW.of post 5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay. Brine found at 24 ins.beneath the surface. No vegetation.

Chains.

North along the east boundary of Sec. 34. 100 chs.
Over level land.

34.36

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground, for cor. of townships 2 and 3 N. R. 14 $\frac{1}{2}$ W., marked

T 2N R14 $\frac{1}{2}$ W S1 on SE.

T 3N R14 $\frac{1}{2}$ W S36 on NE. faces; with 6 notches

on N. and S. and 1 notch on E. edges; dig pits 18 x 18
x 12 ins. N. and S. of post 3 ft. and E. of post 8 ft.
dist., and raise a mound of earth 4 ft. base, 2 ft.
high E. of cor.

Deposit a quart of glass at base of monument.

The corner of Tps. 2 and 3 N. Rs. 14 and 14 $\frac{1}{2}$ W., estab-
lished by me and heretofore described, bears S. 89°
41' E. 47.96 chs. dist.

40.00

Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the
ground, for $\frac{1}{4}$ sec. corner Sec. 1 T. 3 N. R. 15 W., marked
 $\frac{1}{4}$ S 1 on W. face; dig pits 18 x 18 x 12 ins. N. and S.
of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.
base, 1 $\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

74.35

Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the
ground, for $\frac{1}{4}$ section corner Sec. 36 T. 3 N. R. 14 $\frac{1}{2}$ W.
marked $\frac{1}{4}$ S36 on E. face; dig pits 18 x 18 x 12 ins. N.
and S. of post 3 ft. dist.; and raise a mound of earth
3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high E. of cor.

Deposit a quart of glass at base of monument.

80.00

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the
ground, for corner of Tps. 2 and 3 N. R. 15 W., marked

T 2N R15W S1 on SW.

T 3N R15W S36 on NW. faces, with 6 notches on

N., S. and W. edges; dig pits 18 x 18 x 12 ins. N. and
S. of post 3 ft., and W. of post 8 ft. dist.; and raise
a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, very wet, sandy clay, with thin salt crust. Spring

EAST BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

found from $2\frac{1}{2}$ to 3 ft. beneath surface.

No vegetation.

NORTH BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

From the corner of Tps. 2 and 3 N. R. 15 W.

S. $89^{\circ} 59'$ W. on a random line, parallel to S. bdy. of Tp., setting temporary $\frac{1}{4}$ and section corners at intervals of 40.00 and 80.00 chs.; and at 479.59 chs. fall 2 lks. N. of the corner of Tps. 2 and 3 N., Rs. 15 and 16 W., established by me and heretofore described. I return to the corner of Tps. 2 and 3 N. R. 15 W. and run

S. $89^{\circ} 59'$ W. on true line bet. Secs. 1 and 36,
Over level land.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner, marked

$\frac{1}{4}$ S36 on N.

S 1 on S. face; dig pits 12 x 12 x 12

ins. E. and W. of post 3 ft. dist.; and raise mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins. 4 ft. long, 36 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked

T 3N S36 on NE.

R15W S 1 on SE.

T 2N S 2 on SW.

S 35 on NW. faces; with 1 notch on E. and

5 notches on W. edges; dig pits 12x12x12 ins. in each section $5\frac{1}{2}$ ft. dist.; raise mound of earth 4 ft. base 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay.

No vegetation.

-10-

NORTH BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains	S. 89° 59' W. bet. secs. 3 and 35, Over level land.
40.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ S35 on N. S 3 on S. faces; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, marked T 3N S35 on NE. R15W S 2 on SE. T 2N S 3 on SW. S 34 on NW. faces; with 2 notches on E. and 4 notches on W. edges; dig pits 18 x 18 x 12 ins. in ea section 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft base, 2 ft. high W. of cor. Deposit a quart of glass at base of monument. Land, level. Soil, sandy, wet clay. Brine found at 3 ft. beneath the surface. No vegetation.
	S. 89° 59' W. bet. secs. 3 and 34, Over level land.
40.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner; marked $\frac{1}{4}$ S34 on N. S 3 on S. faces; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for corner of Secs. 3, 4, 33, and 34, marked T 3N S34 on NE. R 15W S 3 on SE. T 2N S 4 on SW. S 33 on NW. faces; with 3 notches on E. and

NORTH BOUNDARY TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

W. edges; dig pits 18 x 18 x 12 ins.in each section
.5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base
2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay. Brine found at 3 ft.beneath the
surface.

No vegetation.

S. 89° 59' W. bet. secs.4 and 33,

Over level land.

40.00

Set a fir post 4 ins.square, 4 ft.long, 33 ins.in the
ground, for $\frac{1}{4}$ section corner; marked

$\frac{1}{4}$ S33 on N.

S 4 on S.faces; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of
earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.00

Set a fir post 4 ins.square, 4 ft.long, 33 ins.in the
ground, for cor.of sections 4,5,33, and 33, marked

T 3N S33 on NE.

R1SW S 4 on SE.

T 3N S 5 on SW.

S 33 on NW.faces; with 4 notches on E.

and 3 notches on W edges; dig pits 18 x 18 x 12 ins.
in each section 5 $\frac{1}{2}$ ft.dist.; and raise a mound of
earth 4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay. Brine found at 3 ft.beneath the
surface.

No vegetation.

S. 89° 59' W. bet. secs.5 and 32,

Over level land.

Chains,
40.00

Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S 32 on N.

S 5 on S.faces; dig pits 18 x 18 x 12 in

E. and W.of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.00

Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of sections 5,6,31 and 32, marked

T 3N S32 on NE.

R15W S 5 on SE.

T 2N S 6 on SW.

S 31 on NW.faces; with 5 notches on E. and

1 on W.edges; dig pits 18 x 18 x 12 ins.in each section, 3 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, very wet, sandy clay, with salt crust. Brine found at 2 $\frac{1}{2}$ ft.beneath the surface.

No vegetation.

S. 32° 59' W. bet. sections 6 and 31,

Over level land.

40.00

Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner; marked

$\frac{1}{4}$ S31 on N.

S 6 on S.faces; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

79.58

The cor.of Tps. 2 and 3 N. Rs. 15.and 16 W.

Land, level.

Soil, very wet, sandy clay.Brine found at 3 ft.beneath the surface.

No vegetation.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains

From the corner of sections 1,2,35, and 36 on S.bdy. of township, established by me and heretofore described,

N. 0° 01' W. bet. sections 35 and 36,
Over level land.

40.00 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner; marked
 $\frac{1}{4}$ S35 on W.
S36 on E.faces; dig pits 18 x 18 x 12 ins.
N. and S. of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.25, 26, 35, and 36, marked
T 2N S35 on NE.
R15W S36 on SE.
S35 on SW.
S36 on NW.faces; with 1 notch on S. and W. edges; dig pits 12 x 12 x 12 ins. in each section 5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil,sandy clay; wet, sticky and muddy. Brine found at 2 and 2 $\frac{1}{2}$ ft.feet beneath the surface. Gypsum about 3 ft.below the surface.

No vegetation.

N. 89° 58' E. on random line bet. secs.25 and 36 for visible signal at the cor.of Secs.25 and 36 on E. bdy.of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec.corner.

80.01 Intersect the cor.of Secs.25 and 36. Thence S. 89° 58' W. on true line bet. secs.25 and 36,
Over level land.

40.005 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the

-20-
SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	<p>ground, for $\frac{1}{4}$ sec.corner; marked</p> <p>$\frac{1}{4}$ S25 on N. S33 on S.face; dig pits ;3 x 19 x 12 ins.</p> <p>E. and W.of post 3 ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high N.of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
43.00	Gypsum formation on line.
80.01	<p>The cor.of sections 25, 23, 35 and 33.</p> <p>Land, level.</p> <p>Soil, sandy clay, wet. Brine found at 2 ft.beneath the surface.</p> <p>No vegetation.</p>
40.00	<p>N. 0° 01' W. bet. sections 23 and 23,</p> <p>Over level land.</p> <p>Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner; marked</p> <p>$\frac{1}{4}$ S23 on W. S25 on E.face; dig pits 18 x 18 x 12 ins.</p> <p>N. and S.of post 3 ft.dist.; and raise a mound of earth 3$\frac{1}{2}$ ft.base, 1$\frac{1}{2}$ ft.high W.of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post 4 ins.square, 4 ft.long, 33 ins.in the ground, for cor.of secs.23,24,25, and 26, marked</p> <p>T 2N S24 on NE. R15W S25 on SE. S23 on SW. S23 on N.W.faces; with 2 notches on S. and 1 on E.edges; dig pits 18 x 18 x 12 ins.in each section 5$\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor.Deposit quart of glass at base.</p> <p>Land, level.</p> <p>Soil, wet, sandy clay. Brine found at 3 ft.beneath the surface.</p> <p>No vegetation.</p>

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

N. 89° 57' E. on random line bet. Secs.24 and 25 for visible signal at the corner of Secs.24 and 25 on E. bdy.of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

80.02 Intersect the corner of Secs.24 and 25; thence S. 89° 57' W. on true line between Secs.24 and 25. Over level land.

40.01 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ sec.corner, marked
 $\frac{1}{4}$ S24 on N.
 S25 on S.face; dig pits 18 x 18 x 12 ins.
 E. and W.of post 3 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high N.of cor.

Deposit.a quart of glass at base of monument.

80.02 The cor.of Secs.23,24,25, and 26.

Land, level.

Soil, sandy, wet clay. Small patches of gypsum on surface. Brine found at 2 $\frac{1}{2}$ ft. beneath the surface.

No vegetation.

N. 0° 01' W. bet. secs.23 and 24,

Over level land.

40.00 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ sec.corner; marked

$\frac{1}{4}$ S23 on W.
 S24 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.13,14,23, and 24; marked

T 2N S13 on NE.
 R15W S24 on SE.
 S23 on SW.
 S14 on NW.faces; with 1 notch on E. and

3 notches on S.edges; dig pits 18 x 18 x 12 ins.in

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	<p>each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor. Deposit a quart of glass at base of monument. Land, level. Soil, sandy, wet clay. Gypsum $2\frac{1}{2}$ ft. below surface. Brine found $2\frac{1}{2}$ ft.beneath the surface. No vegetation.</p>
40.00	<p>N. $89^{\circ} 57'$ E. on a random line between Secs.13 and 24, for visible signal at the corner of Secs.13 and 24 on E.bdy. of township, heretofore described. Set temp. $\frac{1}{4}$ sec.cor.</p>
80.02	<p>Intersect the cor.of Secs.13 and 24. Thence S. $89^{\circ} 57'$ W. on true line between Secs.13 and 24, Over level land.</p>
40.01	<p>Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground for $\frac{1}{4}$ sec.corner, marked $\frac{1}{4}$ S13 on N. S24 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor. Deposit a quart of glass at base of monument.</p>
80.02	<p>The cor.of secs.13,14,23, and 24. Land, level. Soil, sandy, wet clay, with thin salt crust.Brine found at 3 ft.below the surface. No vegetation.</p>
40.00	<p>N. $0^{\circ} 01'$ W. bet. Secs.13 and 14, Over level land. Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S14 on W. S13 on E.face; dig pits 18 x 18 x 12 ins.</p>

-23-

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	<p>N. and S. of post; ^{3 ft. dist.} and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of Secs. 11, 12, 13, and 14, marked</p> <p style="padding-left: 40px;">T 2N S12 on NE. R15W S13 on SE. S14 on SW. S11 on NW. faces; with 1 notch on E. and 4 notches on S. edges; dip bits 18 x 18 x 12 ins. in each section 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level.</p> <p>Soil, wet, sandy clay. Brine found at 2 to 2½ ft. beneath the surface.</p> <p>No vegetation.</p>

N. 39° 57' E. on a random line bet. sec. 12 and 13, for visible signal at the cor. of secs. 12 and 13 on E. bdy. of township, heretofore described.

40.00	Set temp. ¼ sec. cor.
80.02	<p>Intersect the cor. of secs. 12 and 13. Thence</p> <p>S. 39° 57' E. on true line bet. secs. 12 and 13,</p> <p>Over level land.</p>
40.01	<p>Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the ground, for ¼ sec. cor.; marked</p> <p style="padding-left: 40px;">¼ S12 on N. S13 on S. face; dip bits 18 x 18 x 12 ins.</p> <p>E. and W. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.</p>
80.02	<p>Deposit a quart of glass at base of monument.</p> <p>The cor. of secs. 11, 12, 13, and 14.</p> <p>Land, level.</p> <p>Soil, sandy clay. Brine found at 3 ft. beneath the surface.</p> <p>No vegetation.</p>

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

N. $0^{\circ} 01'$ W. between Secs. 11 and 12,

Over level land.

40.00 Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the ground, for $\frac{1}{4}$ sec. corner; marked

$\frac{1}{4}$ S11 on W.

S12 on E. face; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 1, 2, 11, and 12; marked

T 2N S1 on NE.

R15W S12 on SE.

S11 on SW.

S 2 on NW. faces; with 1 notch on E. and 5

notches on S. edges; dig pits 18 x 18 x 12 ins. in each

section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft.

base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay. Gypsum about $2\frac{1}{2}$ ft. below surface.

Brine found from $2\frac{1}{2}$ ft. to 3 ft. beneath the surface.

No vegetation.

N. $39^{\circ} 57'$ E. on a random line bet. Secs. 1 and 12 for visible signal at the cor. of secs. 1 and 12 on E. bdy. of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect the cor. of Secs. 1 and 12 on E. bdy. of Tp. Thence S. $89^{\circ} 57'$ W. on true line bet. secs. 1 and 12, Over level land.

40.01 Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the ground, for $\frac{1}{4}$ sec. corner; marked

$\frac{1}{4}$ S1 on N.

S12 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. post 3 ft. dist.; and raise a mound of earth

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

3½ ft. base, 1½ ft. high N. of cor.

Deposit a quart of glass at base of monument.

80.02 The cor. of secs. 1, 2, 11, and 12.

Land, level.

Soil, wet, sandy clay. Brine found at 24 ins. beneath the surface.

No vegetation.

North between Secs. 1 and 2 on random line for visible signal at the corner of Secs. 1, 2, 35, and 36 on N. bdy. of township, heretofore described.

40.00 Set temp. ¼ sec. cor.

80.05 Intersect the cor. of secs. 1, 2, 35, and 36 on N. bdy. of Tp. Thence

South between Secs. 1 and 2,

Over level land.

40.05 Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the ground, for ¼ sec. cor., marked

¼ S2 on W.

S1 on E. face; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high T. of cor.

Deposit a quart of glass at base of monument.

80.05 The cor. of secs. 1, 2, 11, and 12.

Land, level.

Soil, sandy clay. Brine found at 24 ins. beneath the surface.

No vegetation.

From the cor. of Secs. 2, 3, 34, and 35, on S. bdy. of Tp. established by me, and heretofore described,

N. 0° 02' W. between Secs. 34 and 35,

Over level land.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains. 40.00	<p>Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the ground, for $\frac{1}{4}$ section corner, marked</p> <p>$\frac{1}{4}$ S34 on W. S35 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist. and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of post.</p>
80.00	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.26, 27, 34, and 35, marked</p> <p>T 2N S26 on NE. R157 S35 on SE. S34 on SW. S27 on NW.faces; with 1 notch on S. and 2 notches on E.edges; dig pits 18 x 18 x 12 ins.in each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor. Deposit a quart of glass at base of monument. Land, level. Soil, muddy clay. Brine found from 18 to 24 ins.beneath the surface. No vegetation.</p>
	<p>East on a random line between Secs.26 and 35, for visible signal at the cor.of secs.25, 26, 35, and 36.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec.cor.</p>
80.04	<p>Intersect the cor.of secs.25,26,35, and 36. Thence West on true line between Secs.26 and 35, Over level land.</p>
40.02	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked</p> <p>$\frac{1}{4}$ S26 on N. S35 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor. Deposit a quart of glass at base of monument.</p>
80.04	<p>The cor.of secs.26,27,34, and 35.</p>

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains

Land, level.

Soil, muddy clay. Brine found at 18 inches beneath the surface.

No vegetation.

N. 0° 02' W. bet. secs. 26 and 27.

Over level land.

40.00 Set a fir post 4 ins. square. 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S27 on W.
 S26 on E. face; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, marked
 T 2N S23 on NE.
 R15W S26 on SE.
 S27 on SW.
 S22 on NW. face; with 2 notches on S. and E.

edges; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet clay. A very little gypsum about 18 ins. below surface.

No vegetation.

N. 83° 59' E. on a random line bet. Secs. 23 and 26 for visible signal at the corner of Secs. 23, 24, 25, and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line at the cor. of secs. 23, 24, 25, and 26. Thence

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

S. 89° 59' W. on true line bet. secs.23 and 26,
Over level land.

40.01 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.cor. marked

$\frac{1}{4}$ S23 on N.

S26 on S.face; dig pits 18 x 18 x 12 ins

E. and W.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.02 The cor.of secs.22,23,26, and 27.

Land, level.

Soil, wet clay.

No vegetation.

N. 0° 02' W. bet. Secs.22 and 23,

Over level land.

40.00 Set a fir post 4 ins.square 3 ft.long, 30 ins.in the
ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S22 on W.

S23 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for cor.of secs.14,15,22, and 23, marked

T 2N S14 on NE.

R15W S23 on SE.

S22 on SW.

S15 on NW.faces; with 2 notches on E. and

3 notches on S.edges; dig pits 18 x 18 x 12 ins.in
each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth
4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay. Brine found at 18 ins.beneath the
surface.

No vegetation.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

N. $89^{\circ} 59'$ E. on a random line between Secs.14 and 23,
for visible signal at cor.of secs.13,14,23, and 24.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

80.01 Intersect the cor.of secs.13,14,23, and 24. Thence
S. $89^{\circ} 59'$ W. on true line bet. secs.14 and 23,
Over level land.

40.005 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S14 on N.

S23 on S.face; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.01 The cor.of secs.14,15,22, and 23.

Land, level.

Soil, wet, sandy clay. Brine found at 12 ins.beneath
the surface.

No vegetation.

N. $0^{\circ} 02'$ W.between Secs.14 and 15,

Over level land.

40.00 Set a fir post 4 ins.square, 3 ft.long, 30 ins.in the
ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S15 on W.

S14 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for cor.of secs.10,11,14, and 15, marked

T 2N S11 on NE.

R15W S14 on SE.

S15 on SW.

S10 on NW.faces; with 2 notches on E. and

4 notches on S.edges; dig pits 18 x 18 x 12 ins.in

each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	<p>4 ft.base, 2 ft.high W.of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level.</p> <p>Soil, wet sandy clay. Brine found at $3\frac{1}{2}$ to 3 ft.beneath the surface. Gypsum clay subsoil.</p> <p>No vegetation.</p>
40.00	<p>N. $89^{\circ} 59'$ E. on a random line bet. secs.11 and 14, for visible signal at the cor.of secs.11,12,13, and 14.</p> <p>Set temp. $\frac{1}{4}$ sec.cor.</p>
80.00	<p>Intersect N. and S. line at the cor.of secs.11,12, 13 and 14. Thence</p> <p>S. $89^{\circ} 59'$ W. on true line bet. secs.11 and 14, Over level land.</p>
40.00	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor. marked</p> <p>$\frac{1}{4}$ S11 on N. S14 on S.face; dig pits 18 x 18 x 12 ins.</p> <p>E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
80.00	<p>The cor.of secs.10,11,14, and 15.</p> <p>Land, level.</p> <p>Soil, wet sandy clay. Brine found $2\frac{1}{2}$ ft.beneath surface.</p> <p>No vegetation.</p>
40.00	<p>N. $0^{\circ} 02'$ W. bet. secs.10 and 11, Over level land.</p> <p>Set fir post 4 ins.square, 4 ft.long, 36 ins. in the ground, for $\frac{1}{4}$ sec.corner; marked</p> <p>$\frac{1}{4}$ S10 on W. S11 on E.face; dig pits 18 x 18 x 12 ins.</p> <p>N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high W.of cor.</p>

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains,	Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
	ground, for cor.of secs.2,3,10, and 11; marked
	T2N S2 on NE.
	R15W S11 on SE.
	S10 on SW.
	S3 on NW.faces; with 2 notches on E. and 5
	notches on S' edges; dig pits 18 x 18 x 12 ins.in each
	section 5½ ft.dist.; and raise a mound of earth 4 ft.
	base; 2 ft.high W.of cor.
	Deposit a quart of glass at base of monument.
	Land, level.
	Soil, wet, sandy clay; with thin salt crust. Brine found
	24 ins.beneath the surface.
	No vegetation..
40.00	East on a random line between Secs.2 and 11 for visible
	signal at the cor.of secs.1,2,11, and 12.
80.00	Set temp. ¼ sec.cor.
80.00	Intersect N. and S. line at the cor.of secs.1,2,11, and
	12. Thence
	West on true line between Secs.2 and 11,
	Over level alkali flat.
40.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
	ground, for ¼ sec.cor., marked
	¼ S2 on N.
	S11 on S.face; dig pits 18 x 18 x 12 ins.
	E. and W.of post 3 ft.dist.; and raise a mound of
	earth 3½ ft.base, 1½ ft.high N.of cor.
	Deposit a quart of glass at base of monument.
80.00	The cor.of secs.2,3,10, and 11.
	Land, level.
	Soil, wet, sandy clay, with very thin salt crust. Brine
	found 2 ft. beneath the surface.
	No vegetation.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	N. 0° 02' W. on random line between Secs.2 and 3, for visible signal at the corner of Secs.2,3,34, and 35 on N.bdy.of township, heretofore described.
40.00	Set temp, $\frac{1}{4}$ sec.cor.
30.02	Intersect N.bdy.of township at the cor.of secs.2,3,34, and 35. Thence S. 0° 02' E. on true line between Secs.2 and 3, Over level land.
40.02	Set a fir post 4 ins.square, 3 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor.; marked $\frac{1}{4}$ S3 on W. S2 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post.3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
30.02	The cor.of secs.2,3,10, and 11. Land,level alkali flat. Soil, sandy clay; very thin salt crust. Brine found at 2 ft.beneath the surface. No vegetation.
40.00	From the cor.of secs.3,4,33, and 34 on S.bdy.of township, established by me, and heretofore described, N. 0° 02' W. between Secs.33 and 34, Over level land. Set a fir post 4 ins.square, 4 ft. long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S33 on W. S34 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.27,28,33, and 34, marked T2N S27 on NE. R15W S34 on SE. S33 on SW. S28 on NW.faces; with 1 notch on S. and

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

3 notches on E. edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, sandy clay. Brine found 18 ins. beneath the surface.

No vegetation.

N. $89^{\circ} 58'$ E. on a random line between section 27 and 34 for visible signal at the corner of Secs. 26, 27, 34 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line at the cor. of Secs. 26, 27, 34 and 35. Thence

S. $89^{\circ} 58'$ W. on true line bet. Secs. 27 and 34

Over level land.

40.01 Set a fir post 4 ins. square, 3 ft. long, 30 ins. in the ground, for $\frac{1}{4}$ sec. corner, marked

$\frac{1}{4}$ S27 on N.

S34 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

80.02 The cor. of Secs. 27, 28, 33, and 34,

Land, level.

Soil, wet sandy clay. Brine found 2 ft. beneath the surface.

No vegetation.

N. $0^{\circ} 02'$ W. bet. Secs. 27 and 28,

Over level land.

40.00 Set a fir post 4 ins. square, 4 ft. long, 33 ins. in the ground, for $\frac{1}{4}$ sec. corner, marked

$\frac{1}{4}$ S28 on W.

S27 on E. face; dig pits 18 x 18 x 12 ins.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

30.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of sections 21, 22, 27, and 28, marked

T 2N S22 on NE.

R15W S27 on SE.

S28 on SW.

S21 on NW. faces, with 2 notches on S. and

3 notches on E. edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, sandy clay, with thin salt crust. Brine found 18 ins. beneath the surface.

No vegetation.

N. $39^{\circ} 57'$ E. on a random line between Secs. 22 and 27 for visible signal at the corner of Secs. 22, 23, 26, and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.22 Intersect N. and S. line at the cor. of Secs. 22, 23, 26 and 27. Thence

S. $39^{\circ} 57'$ W. on a true line between Secs. 22 and 27, Over level land.

40.01 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner; marked

$\frac{1}{4}$ S22 on N.

S27 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

Remains of an ox caravan about 15 chs. northwesterly of $\frac{1}{4}$ section corner.

80.02 The cor. of secs. 21, 22, 27, and 28.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

Land, level.

Soil, wet, sandy clay; with thin salt and alkaline crust.

Brine found 18 ins. beneath the surface.

No vegetation.

N. 0° 02' W. between Secs. 21 and 22,

Over level land.

25.00 Cross tracks of old caravan bearing NW. and SE.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked

$\frac{1}{4}$ S21 on W.

S22 on E. face; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

Remains of old wagons of caravan E. and W. of line.

80.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of Secs. 15, 16, 21 and 22; marked

T 2N S15 on NE.

R15W S22 on SE.

S21 on SW.

S16 on NW. faces; with 3 notches on S. and E.

edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$

ft. dist.; and raise a mound of earth 4 ft. base, 2

ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay; with thin alkaline and salt crust. Brine found 18 ins. beneath the surface.

No vegetation.

N. 89° 57' E. on a random line between Secs. 15 and 22 for visible signal at the cor. of secs. 14, 15, 22, and 23.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.02	Intersect N. and S. line at the cor.of secs.14,15,22, and 23. Thence S. $89^{\circ} 57'$ W. on true line between Secs.15 and 22, Over level land.
40.01	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S15 on N. S22 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor. Deposit a quart of glass at base of monument.
80.02	The cor.of secs.15,16,21, and 22. Land, level. Soil, wet, sandy clay, with thin alkaline and salt crust. No vegetation.
<hr/>	
	N. $0^{\circ} 02'$ W.between Secs.15 and 16, Over level land.
40.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.corner; marked $\frac{1}{4}$ S16 on W. S15 on E.face; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins.square, 4 ft. long, 36 ins.in the ground, for corner of Secs.9, 10, 15, and 16, marked T 2N S10 on NE. R15W S15 on SE. S16 on SW. S 9 on NW.faces; with 3 notches on E. and 4 notches on S.edges; dig pits 18 x 18 x 12 ins.in each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base, 2 ft.high W.of cor. Deposit a quart of glass at base of monument.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST

Land, level.

Soil, very wet, sandy clay, with thin alkaline and salt crust. Brine found from 2 to 2½ ft. beneath the surface.

No vegetation.

N. 89° 57' E. on a random line between Secs.10 and 15 for visible signal at the corner of Secs.10,11,14, and 15.

40.00 Set a temp. ¼ sec.cor.

80.02 Intersect N. and S. line at the corner of Secs.10,11, 14 and 15. Thence

S. 89° 57' W. on a true line between Secs.10 and 15, Over level land.

40.01 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for ¼ sec.cor., marked

¼ S10 on N.

S15 on S.face; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of earth 3½ ft. base, 1½ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.02 The cor.of secs.9, 10, 15, and 16.

Land, level.

Soil, wet, sandy clay, with thin salt crust. Brine found 12 ins.beneath the surface.

No vegetation.

N. 0° 02' W. between Secs.9 and 10,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground for ¼ sec.cor., marked

¼ S9 on W.

S10 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high W.of cor.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

Deposit a quart of glass at base of monument.

30.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, marked

T 2N S3 on NE.

R15W S10 on SE.

S9 on SW.

S4 on NW. faces; with 3 notches on E. and

5 notches on S. edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, sandy clay, with thin salt crust. Brine found from 2 to 2 $\frac{1}{2}$ ft. beneath the surface.

No vegetation.

N. 89° 57' E. on a random line bet. Secs. 3 and 10 for visible signal at the corner of Secs. 2, 3, 10, and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

41.00 Intersect N. and S. line at the corner of Secs. 2, 3, 10 and 11. Thence

S. 89° 57' W. on true line bet. Secs. 3 and 10

Over level land.

42.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on N.

S10 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

43.00 The cor. of secs. 3, 4, 9, and 10.

Land, level.

Soil, sandy clay. Brine found 3 ft. beneath the surface.

No vegetation.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

N. $0^{\circ} 02'$ W. on random line between Secs.3 and 4 for visible signal at the cor.of secs.3,4,33, and 34, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

80.08 Intersect N. boundary of township at the cor.of secs.3, 4, 33, and 34. Thence

S. $0^{\circ} 02'$ E. on true line between Secs.3 and 4, Over level land.

40.08 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S4 on W.

S3 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.08 The cor.of secs.3,4,2, and 10.

Land, level.

Soil, wet, sandy clay. Brine found 3 ft.beneath the surface.

No vegetation.

From the corner of Secs.4,5,32, and 33 on S.bdy.of Tp. established by me, and heretofore described.

N. $0^{\circ} 03'$ W. between Secs.32 and 33,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S32 on W.

S33 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.28, 29, 32, and 33, marked

Chains.

T 2N S28 on NE.

R15W S33 on SE.

S32 on SW.

S29 on NW.face; with 1 notch on S. and 4

notches on E edges; dig pits 13 x 13 x 12 ins.in each section 5½ ft.dist.; and raise a mound of earth 4 ft base 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet, brown clay, with whitish clay subsoil. Some gypsum formation on surface. Brine found 13 ins.beneath the surface.

No vegetation.

East on a random line between Secs.28 and 33, for visible signal at the corner of Secs.27,28,33, and 34.

40.00 Set temp, ¼ sec.cor.

80.02 Intersect N. and S. line at the corner of Secs.27, 28, 33, and 34. Thence

West on true line between Secs.28 and 33,

Over level land.

40.01 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for ¼ sec.corner; marked

¼ S28 on N.

S33 on S.face; dig pits 13 x 13 x 13 ins.

E. and W.of post 3 ft.dist.; and raise a mound of earth 3½ ft.base, 1½ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.02 The cor.of secs.28, 29, 32, and 33.

Land, level.

Soil, wet clay. Some gypsum formation on surface.Brine found 2 ft.beneath the surface.

No vegetation.

N. 0° 03' W. between Secs.28 and 29,

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	Over level land.
40.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner; marked $\frac{1}{4}$ S29 on W. S28 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.20,21, 28, and 29, marked T 2N S21 on NE. R15W S28 on SW. S29 on SW. S20 on NW.face; with 2 notches on S. and 4 notches on E.edges; dig pits 18 x 18 x 12 ins.in each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high W.of cor. Deposit a quart of glass at base of monument. Land, level. Soil, wet sandy clay about 8 ins.deep; then whitish clay. Brine found 18 ins.beneath the surface. No vegetation.
40.00	S. 89° 59' E. on a random line bet. Secs.21 and 28 for visible signal at the cor.of secs.21,22,27, and 28. Set temp. $\frac{1}{4}$ sec.cor.
80.03	Intersect N' and S' line at the cor.of secs.21,22,27 and 28. Thence N. 89° 59' W. on true line bet. secs.21 and 28, Over level land.
40.015	Set a fir post 4 ins.square. 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S21 on N. S28 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Chains.

Deposit a quart of glass at base of monument.

80.03 The cor.of secs.20,21,28, and 29.

Land, level.

Soil, wet, sandy clay. Brine found 2 ft.beneath the surface.

No vegetation.

N. 0° 03' W. between Secs. 20 and 21,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S20 on W.

S21 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for cor.of secs.16,17,20, and 21, marked

T 2N S16 on NE.

R16W S21 on SE.

S20 on SW.

S17 on NW.faces; with 3 notches on S. and

4 notches on E.edges; dig pits 18 x 18 x 12 ins.in

each section 5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth

4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, sandy clay about 1 ft.deep; then whitish clay.

Brine found at 1 $\frac{1}{2}$ to 2 ft.beneath the surface.

No vegetation.

S. 83° 59' E. on a random line bet. secs.16 and 21 for visible signal at the corner of Secs.15,16,21, and 22.

40.00 Set temp. $\frac{1}{4}$ sec.corner.

80.05 Intersect W. and S.line at the corner of Secs.15,16,21

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

and 22. Thence

N. 89° 59' W. on true line between Secs.16 and 21,
Over level land.

40.025 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S13 on N.
S21 on S.face; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of
earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.05 The corner of Secs.13,17,20, and 21.

Land, level.

Soil, wet sandy clay.

No vegetation.

N. 0° 03' W. between Secs.13 and 17,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.corner, marked

$\frac{1}{4}$ S17 on W.
S13 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of
earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for cor.of secs.8, 9, 16, and 17, marked

T 2N S 9 on NE.
R15W S13 on SW.
S17 on SW.
S8 on NW.faces; with 4 notches on S. and

E. edges; dig pits 18 x 18 x 12 ins.in each section
5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft.base,
2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet sandy clay about 2 ft.deep; then whitish clay.

Brine found about 2 ft.beneath the surface.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST

Chains.

No vegetation.

S. $35^{\circ} 59'$ E. on a random line between Secs. 9 and 16
for visible signal at the corner of Secs. 9, 10, 15, and
16.

37.00 Set temp. $\frac{1}{4}$ sec. cor.

38.07 Intersect N. and S. line at the corner of Secs. 9, 10,
15 and 16. Thence

N. $38^{\circ} 39'$ W. on true line between Secs. 9 and 16,
Over level land.

40.035 Set fir post 4 ins. square, 4 ft. long, 33 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S9 on N.

5 ft. on S. face; dig pits 12 x 12 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of
earth 3 ft. base, 1 ft. high N. of cor.

Deposit a quart of glass at base of monument.

40.07 The corner of Secs. 9, 10, 15, and 16.

Land, level.

Soil, wet sandy clay. Brine found 8 ft. beneath the sur-
face.

No vegetation.

N. $39^{\circ} 03'$ W. between Secs. 9 and 10,
Over level land.

42.00 Set a fir post 4 ins. square, 4 ft. long, 33 ins. in the
ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S9 on W.

5 ft. on S. face; dig pits 12 x 12 x 12 ins.

E. and S. of post 3 ft. dist.; and raise a mound of
earth 3 ft. base, 1 ft. high W. of cor.

Deposit a quart of glass at base of monument.

40.00 Set a fir post 4 ins. square, 4 ft. long, 33 ins. in the

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

ground, for corner of Secs.4,5,8, and 9, marked

T 2N S4 on NE.

R15W S9 on SE.

E 8 on SW.

S 5 on NW.faces; with 4 notches on E. and

5 notches on S.edges; dig pits 18 x 18 x 12 ins.in

each section 5 $\frac{1}{2}$ ft.dist.; and raise a mound of earth

4 ft.base, 3 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, wet sandy clay. Brine found 3 ft.beneath the surface.

No vegetation.

S. 89° 59' E. on a random line between Secs.4 and 9

for visible signal at the corner of Secs.3,4,8, and 10.

40.00 Set temp. $\frac{1}{4}$ sec.corner.

80.03 Intersect N. and S. line at the corner of Secs.3,4,8, and 10. Thence

N. 82° 52' W. on a true line between Secs.4 and 9,

Over level land.

40.03 Set a fir post 4 ins.square, 4 ft.long, 3 $\frac{1}{2}$ ins.in the ground, for $\frac{1}{4}$ sec.corner, marked

$\frac{1}{4}$ S4 on N.

S9 on S.face; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of

earth 3 $\frac{1}{2}$ ft.base, 1 $\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

80.06 The cor.of secs.4,5,8, and 9.

Land, level.

Soil, wet, sandy clay. Brine found 2 ft.beneath the surface.

No vegetation.

N. 0° 01' W. on a random line between Secs.4 and 5 for

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	visible signal at the cor.of secs.4,5,32, and 33 on N. boundary of township, heretofore described.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.02	Intersect N. bdy.of Township at the cor.of sections 4, 5, 32, and 33. Thence S. $0^{\circ} 01'$ E. on true line between Secs.4 and 5. Over level land.
40.02	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S5 on W. S4 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
80.02	The cor.of secs.4,5,8, and 9. Land, level. Soil, sandy clay. Brine found 2 ft.beneath the surface. No vegetation.
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	From the cor.of Secs.5, 6, 31 and 32, on S.bdy.of Tp. established by me, and heretofore described, N. $0^{\circ} 04'$ W. between Secs.31 and 32, Over level land.
40.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ section corner, marked $\frac{1}{4}$ S31 on W. S32 on E.face; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.
52.00	Gypsum formation on surface.
80.00	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.29, 30, 31, and 32, marked T2N S29 on NE. R15W S32 on SE. S31 on SW. S30 on NW.faces; with 1 notch

-47-

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST

Chains.

on S. and 5 notches on E. edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, white sticky clay. Brine found 3 ft. beneath the surface.

No vegetation.

N. $89^{\circ} 59'$ E. on a random line between sections 28 and 32, for visible signal at the corner of Secs. 28, 29, 32 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. corner.

80.00 Intersect N. and S. line at the corner of Secs. 28, 29, 32 and 33. Thence

S. $39^{\circ} 59'$ W. on true line between Secs. 28 and 32, Over level land.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S28 on N.

S22 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

30.00 The cor. of Secs. 29, 30, 31 and 32.

Land level.

Soil, white sticky clay, with gypsum showing above the surface. Brine found 3 ft. beneath the surface.

No vegetation.

West on a random line between Secs. 30 and 31 for visible signal at the corner of Secs. 25, 30, 31 and 36 on W. bdy. of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION T. 3 NORTH RANGE 13 WEST.

Chains.

79.09 Intersect West boundary of township at the corner of
Secs.25, 30, 31, and 36. Thence
East on true line between Secs.30 and 31,
Over level land; scant salt brush.

39.09 Set a fir post 4 ins.square, 4 ft.long, 36 ins. in the
ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S30 on N.

S31 on S.face; dig pits 18 x 18 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

79.09 The cor.of secs.29, 30,31, and 32.

Land, level.

Soil, grayish clay.

Scattered salt brush.

N.0°04'W.between Secs.29 and 30,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.corner, marked

$\frac{1}{4}$ S30 on W.

S29 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of post.

30.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for corner of Secs.19,20,29, and 30, marked

T 2 N S20 on NE.

R15 W S29 on SE.

S30 on SW.

S19 on NW.faces; with 2 notches on S. and

5 notches on E.edges; dig pits 18 x 18 x 12 ins.in
each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth
4 ft.base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, whitish, sticky clay; gypsum formation on surface.

Brine found $2\frac{1}{2}$ ft. beneath the surface.

No vegetation.

N. $89^{\circ} 59'$ E. on a random line between Secs. 20 and 29
For visible signal at the corner of Secs. 20, 21, 28
and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line at the corner of Secs. 20, 21,
28 and 29. Thence

S. $89^{\circ} 59'$ W. on a true line between Secs. 20 and 29,
Over level land.

40.00 Set a fir post 4 ins. square, 4 ft. long, 33 ins. in the
ground, for $\frac{1}{4}$ section corner, marked

$\frac{1}{4}$ S20 on N.

S29 on S. face; dig pits 12 x 12 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of
earth $3\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

80.00 The corner of Secs. 12, 20, 28, and 30.

Land, level.

Soil, whitish sticky clay. Brine found 1 as. beneath
the surface.

No vegetation.

West on a random line between Secs. 12 and 30, for a
visible signal at the corner of Secs. 12, 24, 28, and
30 on W. bdy. of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.97 Intersect W. bdy. of township at the cor. of Secs. 12, 24,
28 and 30. Thence

East on true line between Secs. 12 and 30,

Over level land.

88.97 Set a fir post 4 ins. square, 4 ft. long, 33 ins. in the

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains	<p>ground, for $\frac{1}{4}$ sec.cor., marked</p> <p>$\frac{1}{4}$S19 on N. S30 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor. Deposit a quart of glass at base of monument.</p> <p>78.97 The cor.of secs.19,20,29, and 30. Land, level. Soil, white clay. No vegetation.</p>
40.00	<p>N. $0^{\circ} 04'$ W. between Secs.19 and 20, Over level land.</p> <p>Set a fir post 4 ins.square, 4 ft.long, 36 ins. in the ground, for $\frac{1}{4}$ sec.corner, marked</p> <p>$\frac{1}{4}$ S19 on W. S20 on E.face; dig pits 18 x 18 x 12 ins. N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.17, 18, 19, and 20, marked</p> <p>T 2N S17 on NE. R15W S20 on SE. S19 on SW. S18 on NW.faces; with 5 notches on E. and 3 notches on S.edges; dig pits 18 x 18 x 12 ins.in each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft. base 2 ft.high W.of cor. Deposit a quart of glass at base of monument. Land, level. Soil, white clay; gypsum formation on surface. No vegetation. Brine found $2\frac{1}{2}$ ft.beneath the surface.</p>

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.	N. 89° 58' E. on a random line between Secs.17 and 20 for visible signal at the corner of secs.16,17,20, and 21.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.99	Intersect N. and S.line at the cor.of Secs.16,17,20, and 21. Thence
	S. 89° 58' W. on true line between Secs.17 and 20, Over level land.
39.995	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S17 on N. S20 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor. Deposit a quart of glass at base of monument.
79.99	The corner of Secs.17,18,19, and 20. Land, level. Soil, sandy,wet clay. Brine found 18 ins.beneath surface. No vegetation.
	N. 89° 59' W. on a random line between Secs.18 and 19, for visible signal at the corner of Secs.13,18, 19 and 24 on W.bdy.of township, heretofore described.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
78.85	Intersect W. bdy.of township at the cor.of Secs.13,18, 19 and 24. Thence
	S. 89° 59' E. on true line between Secs.18 and 19, Over level land.
38.85	Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked $\frac{1}{4}$ S18 on N. S19 on S.face; dig pits 18 x 18 x 12 ins. E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor. Deposit a quart of glass at base of monument.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

78.85 The cor.of secs.17,18, 19, and 20.

Land, level.

Soil, sandy clay. Brine found at 2 ft.feet beneath the surface.

Scant scattered salt brush on western portion of mile.

N. 0° 04' W. between Secs.17 and 18,

Over level land.

40.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for $\frac{1}{4}$ sec.cor., marked

$\frac{1}{4}$ S18 on W.

S17 on E.face; dig pits 18 x 18 x 12 ins.

N. and S.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the ground, for corner of Secs.7, 8, 17 and 18, marked

T 2N S8 on NE.

R15W S17 on SE.

S18 on SW.

S7 on NW.faces; with 4 notches on S. and 5

notches on E.edges; dig pits 18 x 18 x 12 ins.in each section $5\frac{1}{2}$ ft.dist.; and raise a mound of earth 4 ft. base, 2 ft.high W.of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, sandy clay about 1 ft.deep; then whitish clay.

Gypsum formation on surface.

No vegetation.

N. 89° 58' E. on a random line between Secs.8 and 17 for visible signal at the corner of Secs.8, 9, 16 and 17.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

79.98 Intersect N. and S. line at the corner of Secs.8,9,16

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

and 17. Thence

S. $89^{\circ} 58'$ W. on true line between Secs. 8 and 17,

Over level land.

39.99

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S8 on N.

S17 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

79.98

The cor. of secs. 7, 8, 17, and 18.

Land, level.

Soil, sandy clay. Brine found $2\frac{1}{2}$ ft. beneath the surface.

No vegetation.

West on a random line bet. Secs. 7 and 18 for visible signal at the corner of Secs. 7, 12, 13, and 18 on W. bdy. of township, heretofore described.

40.00

Set temp. $\frac{1}{4}$ sec. cor.

78.73

Intersect W. bdy. of township at the corner of Secs. 7, 12, 13 and 18. Thence

East on true line between Secs. 7 and 18,

Over level land,

38.73

Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner; marked;

$\frac{1}{4}$ S7 on N.

S18 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Deposit a quart of glass at base of monument.

78.73

The cor. of secs. 7, 8, 17, and 18.

Land, level.

Soil, whitish clay. Brine found $2\frac{1}{2}$ ft. beneath surface.

No vegetation.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST

Chains.

N. 0° 04' W. between Secs. 7 and 8,

Over level land.

40.00 Set a fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on W.

S8 on E. face; dig pits 18 x 18 x 12 ins.

N. and S. of post 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

Deposit a quart of glass at base of monument.

80.00 Set fir post 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, marked

T 2N S5 on NE.

R15W S8 on SE.

S7 on SW.

S6 on NW. faces; with 5 notches on S. and E.

edges; dig pits 18 x 18 x 12 ins. in each section $5\frac{1}{2}$

ft. dist.; and raise a mound of earth 4 ft. base, 2 ft.

high W. of cor.

Deposit a quart of glass at base of monument.

Land, level.

Soil, sandy clay, with occasional gypsum formation

on surface. Brine found $2\frac{1}{2}$ ft. beneath the surface.

No vegetation.

N. 89° 58' E. on a random line between Secs. 5 and 8

for visible signal at the corner of Secs. 4, 5, 8 and 9.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect N. and S. line at the corner of Secs. 4, 5, 8 and 9. Thence

S. 89° 58' W. on true line between Secs. 5 and 8,

Over level land.

39.995 Set a fir post 4 ins. square 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. corner, marked.

$\frac{1}{4}$ S5 on N.

S8 on S. face; dig pits 18 x 18 x 12 ins.

E. and W. of post 3 ft. dist.; and raise a mound of

earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains.

Deposit a quart of glass at base of monument.

79.99 The cor.of Secs.5,6,7, and 8.

Land, level.

Soil, sandy clay about $1\frac{1}{2}$ ft.deep; then white clay.

Brine found 2 ft.beneath the surface.

No vegetation.

West on a random line between Secs.6 and 7 for visible signal at the corner of Secs.1,6,7, and 12 on W.bdy. of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

78.63 Intersect west boundary of township at the corner of Secs.1,6,7, and 12. Thence

East on true line between Secs.6 and 7,

Over level land.

38.63 Set a fir post 4 ins.square, 4 ft.long, 38 ins.in the ground, for $\frac{1}{4}$ sec.corner, marked

$\frac{1}{4}$ S3 on N.

S7 on S.face; dig pits 12 x 12 x 12 ins.

E. and W.of post 3 ft.dist.; and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high N.of cor.

Deposit a quart of glass at base of monument.

73.63 The corner of Secs.5,6,7, and 8.

Land, level.

Soil, wet, sandy clay, with thin salt crust. Brine found 2 ft.beneath the surface.

No vegetation.

N. $0^{\circ} 02'$ W. on a random line between Secs.6 and 8 for visible signal at the corner of Secs.5,6,31 and 32, on N. bdy. of township, heretofore described.

40.00 Set temp. $\frac{1}{4}$ sec.cor.

80.03 Intersect N. bdy.of township at the corner of Secs.5,6, 31 and 32. Thence

SUBDIVISION TOWNSHIP 2 NORTH RANGE 15 WEST.

Chains. S. 0° 02' E. on true line between Secs.5 and 6,
Over level land.

40.03 Set a fir post 4 ins.square, 4 ft.long, 36 ins.in the
ground, for $\frac{1}{4}$ sec.corner, marked
 $\frac{1}{4}$ Sb on E.
36 on W.face; dig pits 18 x 18 x 12 ins.
N. and S.of post 2 ft.dist.; and raise a mound of
earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high W.of cor.
Deposit a quart of glass at base of monument.

60.03 The cor.of Secs.5,6,7, and 8.
Land, level.
Soil, wet, sandy clay, with whitish clay subsoil. Brine
found 2 ft.beneath the surface.
No vegetation.

BOUNDARIES T. 2 N. R. 15 W.

Latitudes, Departures, and Closing Errors.

Lines Designated	True	Dist.	Latitudes		Departures	
	Bearing		N.	S.	E.	W.
		chs.	chs.	chs.	chs.	chs.
West Boundary	South	480.00	.....	480.00	.....	.....
South Boundary	N. 39°59'E.	479.19	.14	.....	479.19	.....
East Boundary	North	480.00	480.00	.....	.....	.....
North Boundary	S.39° 59'W.	478.58	.....	.14	.....	478.58
Convergency						.63
T o t a l s			480.14	480.14	479.19	479.31
				<u>480.14</u>		<u>479.19</u>
Error in lat.and dep.				0.00		0.02

GENERAL DESCRIPTION.

This township is situated on the Great American Desert
and is one vast level alkali flat, with the exception of
a few low sandy rises or hummocks from 5 to 15 ft.high

GENERAL DESCRIPTION T. 2 N. R. 15 W.

along the west boundary. There is no drainage.

The soil is a wet, sandy, sticky clay, with white clay subsoil, saturated with mineral of saline character. A brine is found from 1 to 3 feet beneath the surface. There is practically no vegetation.

There are no settlers in the township. No indication of coal, oil, nor mineral, other than of saline character, were found.

Remains of an ox-team caravan, consisting of four wagons and bones of the oxen, were found in Secs. 21 and 22. This caravan is said to have attempted to cross the desert in 1850; but most of the party perished on the way. The wagon-tracks are still plainly discernible.

No magnetic declination was taken, owing to a defective needle.

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Page

4-680

NAMES.

CAPACITY.

Chainman.

Chairman.

Flagman.

U. S. CADASTRAL ENGINEER
CERTIFICATE OF / ~~UNITED STATES SURVEYOR~~

I, Andrew Nelson, / U. S. Cadastral Engineer, ~~U. S. Surveyor~~, hereby certify upon honor that, in pursu-

of special instructions received from the U. S. Surveyor General for Utah dated April 11, 1925
and supplemental instructions from the District Cadastral Engineer
bearing date of the 28th day of July, 1925, I have well, faithfully, and

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying In-
structions, and the laws of the United States, surveyed all those parts or portions of the west, east,
and north boundaries and the subdivisional lines of Township No. 2
North, Range No. 15 West of the Salt Lake Base and

of the _____
Meridian, in the State of U t a h, which are represented
the foregoing field notes as having been executed by me, and under my direction; and that all the corners
said survey have been established and perpetuated in strict accordance with the Manual of Surveying In-
structions, and the special written instructions of the U. S. Surveyor General for Utah and the Dist
Cadastral Engineer
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

Salt Lake City, Utah,
Nov. 1, 1926.

Andrew Nelson
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys, ~~Surveyor General~~

November 24, 1926

The foregoing field notes of the survey of west, east and north boundaries and
subdivision of T. 2 N., R. 15 W., S. L. B. & M.,

executed by Andrew Nelson, U. S. Cadastral Engineer,

under his special instructions dated April 11 and July 28, 1925, having b-
critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
they describe, are hereby approved.

Blair H. Johnson
Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described surveys in
Utah, has been correctly copied from the original notes ~~as they are~~

RECEIVED

NOV 13 1926

District Cadastral Engineer
Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

WEST AND NORTH BOUNDARIES

AND

SUBDIVISION

OF

TOWNSHIP 2 NORTH, RANGE 16 WEST

AND

RECONSTRUCTION OF SECTION CORNER ON SOUTH BOUNDARY OF

T. 2 N., R. 16 W.

Of the SALT LAKE BASE AND Meridian.

the State of

UTAH

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER

in the capacity of U. S. Surveyor, under instructions dated April 11, 1925 and .
 July 28, 1925. and District Cadastral Engineer, respectively
 issued by the United States Surveyor General to govern surveys included in

Group No. 164, which were approved by the Commissioner of the General Land
 Aug. 21, 1925, respectively. Supplemental Assign-
 ment, April 21, 1925 and 1926, pursuant to authority contained in the Act of
 March 3, 1909, approved June 14, 1926.
 Consolidated .

Survey commenced AUGUST 6, 1926.

Survey completed AUGUST 19, 1926.

BOOK A-480

INDEX DIAGRAM.

Township 2 North, Range 16 West.

	14		13		12		11		11		10
8	6	59	5	49	4	41	3	32	2	24	1
	58		58		48		40		32		23
7	7	57	8	47	9	39	10	31	11	22	12
	56		55		46		38		30		22
6	18	55	17	46	16	38	15	29	14	20	13
	54		54		45		37		28		19
5	19	53	20	44	21	36	22	27	23	18	24
	53		52		43		35		26		18
5	30	51	29	43	28	35	27	26	26	17	25
	51		50		42		34		25		16
4	31	49	32	42	33	33	34	24	25	15	26

BOOK A-480

4-679 b

INDEX DIAGRAM.

Township 2 N., Range 16 W.

380	379	378	377	377	376
374 6	425 5	415 4	407 3	398 2	390 1
424	424	414	406	398	389
373 7	423 8	413 9	405 10	397 11	388 12
422	421	412	404	396	388
372 18	421 17	412 16	404 15	395 14	386 13
420	420	411	403	394	385
371 19	419 20	410 21	402 22	393 23	384 24
419	418	409	401	392	384
371 30	417 29	409 28	401 27	392 26	383 25
417	416	408	400	391	382
370 31	415 32	408 33	399 34	390 35	382 36

DATE DIAGRAM T. 2 N., R. 16 W.

DATE DIAGRAM T. 2 N., R. 16 W.

- 8-16 & 19/26 -

6 8-14/26	5 8-19/26	4 8-19/26	3 8-13/26	2 8-12/26	1 8-11/26
7 8-13/26	8 8-17/26	9 8-13/26	10 8-13/26	11 8-12/26	12 8-11/26
18 8-13/26	17 8-13/26	16 8-13/26	15 8-12/26	14 8-11/26	13 8-11/26
19 8-9/26	20 8-9/26	21 8-9/26	22 8-9/26	23 8-6/26	24 8-6/26
30 8-9/26	29 8-7/26	28 8-7/26	27 8-7/26	26 8-6/26	25 8-6/26
31 8-7/26	32 8-7/26	33 8-7/26	34 8-6/26	35 8-6/26	36 8-6/26

All lines were surveyed by

Andrew Nelson, U.S. Cadastral Engineer.

Survey commenced August 6, 1926, and executed with a Buff & Buff transit No. 9978, equipt with U-shaped standards and improved Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs and of the vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for Utah, conditional upon satisfactory field tests, in assignment instructions dated June 14, 1926.

The country over which the lines of this survey pass is situated on the Great American Desert, is all open, and the major portion is level; the lines were carried forward by double fore and back sights and azimuth determinations were accomplished by observations made on Polaris.

I examine the adjustments of the transit and find no errors.

Aug. 9, 1926, at cor. of secs. 20, 21, 28 and 29, T. 2 N., R. 16 W., lat. $40^{\circ}53'$ N., long. $113^{\circ}41'$ W., with the telescope in the meridian and elevated to the sun's altitude, I observe the sun's transit for time, noting the watch time of transit of each limb:

Mean watch time of apparent noon =	12h 40m 38s
Watch fast of local mean time =	35m 12s

Aug. 9, 1926, at the cor. of Ts. 1 and 2 N., Rs. 16 and 17 W., in latitude $40^{\circ}51'$ N., and longitude $113^{\circ}43'$ W. at 7h 12.4m p.m., l.m.t., I make an hour angle observation on Polaris east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a flag pole $\frac{1}{2}$ mile N., in the direction N-E. to Polaris.

Mean watch time of observation =	7h 47m 45s p.m.
----------------------------------	-----------------

TOWNSHIP 2' NORTH, RANGE 16 WEST.

Mean horizontal angle from Polaris
to flag = $0^{\circ} 57.5'$
Azimuth of Polaris = $0^{\circ} 57.6'$
True bearing of flag pole = N. $0^{\circ} 00.1'$ E.

Measurements:

All measurements are made with a Lallie steel ribbon tape eight (8) chains in length and compared with a Lufkin Standard steel tape one chain long and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

METHOD AND ORDER OF PROCEIURE:

The south boundary is a previous survey; the east boundary has been surveyed by me under this group as the west boundary of T. 2 N., R. 15 W.; the west boundary is run North from the established cor. of T.s 1 and 2 N., Rs. 16 and 17 W., a distance of 480.00 chs. to the cor. of Ts. 2 and 3 N., Rs. 16 and 17 W. The north boundary is run S. $89^{\circ}58'$ W. connecting the NE. and NW. cors. of this township, fractional distance being placed in western $\frac{1}{2}$ mile. The subdivision of the township was carried forward in the regular manner from south to north and from east to west, fractional distances placed against the north and west boundaries. Owing to the saline character of the soil on the level alkali portions of the township the regulation iron survey posts are substituted with dressed fir posts with gabled or wedge-shaped top, 4 ins. square, 4 ft. long. The top half of the posts is saturated with linseed oil. Glass was deposit^d at base of all posts.

WEST BOUNDARY T. 2 N., R. 16 W.

Chains

WEST BOUNDARY OF T. 2 N., R. 16 W.

From the original corner of townships 1 and 2 north, ranges 16 and 17 west, which is point at center of distinct traces of 4 pits, N., S., E. and W., 5 ft. distant; no evidence of the glass deposit or stake in E. pit. I reconstruct cor. at same point with a fir post, 4 ins. square, 4 ft. long, set 36 ins. in the ground, for cor. Ts. 1 and 2 N., Rs. 16 and 17 W., marked

T2N S31 on NE.,
R16W S6 on SE.,
T1N S1 on SW., and
R17W S36 on NW. face; with 6 notches on
N., S., E. and W. edges.

Deposit a quart of glass at base of monument.

Thence

North, on true line bet. secs. 31 and 36, on W. bdy. of
T. 2 N., R. 16 W.

Over level salt bed; salt about 2 to 3 ins. thick.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 6 on W., and
S31 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{3}{4}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

The salt is approximately $2\frac{1}{2}$ ins. thick.

72.00 Leave salt bed, continue through thin crust, bears
SE. and W. to SW.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in
the ground, for cor. of secs. 25, 30, 31 and 36, marked

T2N S30 on NE.,
R16W S31 on SE.,
R17W S36 on SW., and
S25 on NW. face; with 1 notch on
S. and 5 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., NE., SE., SW. and
NW., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft.
base, 2 ft. high, W. of cor.

Deposit a quart of glass at base of monument.

WEST BOUNDARY OF T. 2 N., R. 16 W.

Chains

Land, level salt bed.

Soil, wet clay under bed of salt from 2 to 3 ins. thick.

No vegetation.

North, bet. secs. 25 and 30.

Over level land; void of vegetation.

16.00 Leave thin salt crust, continue over brown clay surface.

40.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S25 on W., and
S30 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ft. long, 4 ins. square, 36 ins. in the ground, for cor. of secs. 19, 24, 25 and 30, marked

T2N S19 on NE.,
R16W S30 on SE.,
R17W S25 on SW., and
S24 on NW. face; with 2 notches on S. and 4 notches on N. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali and salt desert.

Soil, wet, sticky sandy clay; thin crust of salt on S. end of mile; surface dark colored.

No vegetation.

North, bet. secs. 19 and 24.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S24 on W., and
S19 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

WEST BOUNDARY T. 2 N., R. 16 W.

Chains

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 13, 18, 19 and 24, marked

T2N S18 on NE.,
R16W S19 on SE.,
R17W S24 on SW., and
S13 on NW. face: with 3 notches on N.
and S. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, dark clay saturated with mineral.

No vegetation.

North bet. secs. 13 and 18.

Over level land: void of vegetation.

36.00 Enter few scattered salt brush, bears NE. and SW.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S13 on W., and
S18 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

53.00 Enter heavier brush, bears NE. and SW.

72.00 Enter dense hummocks, 1 to 5 ft. high, bears NE. and SW.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 7, 12, 13 and 18, marked

T2N S7 on NE.,
R16W S18 on SE.,
R17W S13 on SW., and
S12 on NW. face: with 4 notches on S.
and 2 notches on N. edge;

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, and stone, 4 ft. base, 2 ft.
high, W. of cor.

Deposit a quart of glass at base of monument.

Chains

Corner stands along W. edge of desert near base of Silver Island bearing approximately NE. and S.30°W. Land, level alkali desert.
Soil, firm sandy clay on wet clay subsoil.
Undergrowth, salt brush on N. portion of mile.
High point in Silver Island, bears N.79°52'W.
High point in Silver Island, bears N.18°45'W..
"East Point" of Silver Island, bears N.47 $\frac{3}{4}$ °E.
High cliff point in Floating Island, bears S.84°44'E.

North, bet. secs. 7 and 12.

Over dense hummocks and brush along edge of level desert.

14.50 Dim wagon road at base of mountainous and rocky land, bears NE. and S.30°W. The wagon road follows along the E. base of Silver Island.

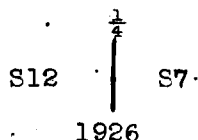
Gradually ascend over rocky land along broken general E. slope, near base of Silver Island.

32.75 Mouth of small gully on E. slope, 20 ft. deep, drains SE.

39.70 Top of rocky point on E. slope, 210 ft. above sec. cor., breaks off abruptly to E. and bears W.; descend NE. slope.

40.00 On steep, rocky NE. slope;

Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a quart of glass at base of monument.

45.00 Mouth of small gully from W., 30 ft. below $\frac{1}{4}$ cor., drains SE.; asc. steep, rocky S. slope, 250 ft. to

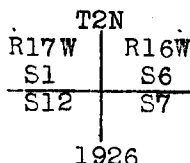
53.60 Top of rocky spur, projects S.65°E., approximately 15 chs. to end; descend NE. slope, 90 ft. to

63.30 Gulch, drains S.60°E.; ascend S. slope over boulders

WEST BOUNDARY T. 2 N., R. 16 W.

Chains

- and broken limestone ledges, 275 ft. to base.
- 70.20 Sharp spur, projects S. 70° E., approximately 20 chs. dist. to end; descend 95 ft. over N. slope.
- 73.70 Base of spur and S. edge of hollow, bears S. 80° E. and NW.; thence across rocky bottom of hollow, no definite water course, drains S. 80° E.
- 79.50 N. edge of hollow, bears N. 70° W. and SE.; ascend.
- 80.00 On rocky SW. slope, 6 ft. above hollow;
- Set an iron post, 3 ft. long, 2 ins. dia., on solid rock, 30 ins. in a large mound of stone, for cor. of secs. 1, 6, 7 and 12, with brass cap, marked



Deposit a quart of glass at base of monument.

Land, mountainous on N. 65½ chs; general E. exposure: drainage E. and SE.; soil, rocky of blue limestone formation with very little loam: S. 14½ chs. is level land along edge of desert, with dense hummocks and salt brush; clay and sandy clay soil.

Undergrowth, scattered, short shadscale and greasewood.

North, on true line bet. secs. 1 and 6.

Over rough mountainous land; through short undergrowth; ascend steep, rocky SW. and S. slopes, 350 ft. to

- 15.00 Spur, projects S. 60° E.; gradually descend NE. slope.

- 19.00 Base of descent on E. slope, 25 ft. below spur, drains E.; ascend gradual SE. slope, 135 ft.

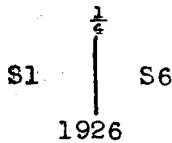
- 30.00 Top of same spur, projects S. 20° W., from high rocky point, N. 20° E. about 15 chs. dist.; thence along a general W. and SW. slope, continue ascent of 85 ft. to ¼ sec. cor.

- 40.00 On steep nearly S. slope,
- Set an iron post, 3 ft. long, 1 in. dia., 5 ins. in the

WEST BOUNDARY T. 2 N., R. 16 W.

Chains

83-091 ground to bedrock, supported by a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked



Deposit a quart of glass at base of monument.

Ascend steep, rocky S. slope, 160 ft. to

45.40 Top of high spur, projects S. 60° E. about 6 chs. dist. to high rock point; gradually descend along steep, broken NE. slope.

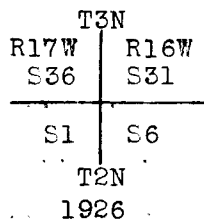
59.00 Bottom of short gully, 230 ft. below spur, drains E.: ascend 70 ft. over SE. slope.

67.40 Top of short spur, projects E. 1 ch. to end; descend 145 ft. over steep N. slope.

73.25 Bottom of large hollow or canyon, course SE.

76.00 Ascend rocky SW. slope, 115 ft. to tp. cor., entering a few scattered cedars.

80.00 Set an iron post, 3 ft. long, 3 ins. dia., 4 ins. in the ground to bedrock, and supported by a large mound of stone, 5 ft. base, for cor. of Tps. 2 and 3 N., Rgs. 16 and 17 W., with brass cap marked



from which

A cedar, 12 ins. diam., bears S. 26° W., 78 lks. dist., marked T2N R17W S1 BT

And deposit a quart of glass at base of monument.

High rock point on spur, bears S. $58\frac{1}{4}^{\circ}$ W., about $\frac{1}{2}$ mile.

High rock peak, bears S. $74\frac{3}{4}^{\circ}$ W., about $\frac{3}{4}$ mile distant.

High rock point, bears N. $21\frac{1}{2}^{\circ}$ W., about $\frac{1}{2}$ mile distant.

Rocky point at SW. end of Floating Island, bears S. $46\frac{1}{2}^{\circ}$ E.

Land, rough mountainous with general E. exposure and drainage.

NORTH BOUNDARY T. 2 N., R. 16 W.

Chains

Soil, very rocky in form of bedrock, outcrops and ledges of limestone formation;

Undergrowth, scattered short shadscale and greasewood.

Timber, a few scattered scrub cedars on N. end of mile.

NORTH BOUNDARY T. 2 N., R. 16 W.

From the cor. of Ts. 2 and 3 N., Rs. 15 and 16 W., established by myself and described in survey of T.2 N., R. 15 W.

Thence

West, on random line along N. bdy. of T. 2 N., R. 16 W., setting temp. $\frac{1}{4}$ sec. and sec. cors. at regular intervals of 40.00 chs., and at 479.03 chs., fall 34 lks. N. of the cor. of Ts. 2 and 3 N., Rs. 16 and 17 W., heretofore described. The falling answers to a correction of 2', or $5 \frac{2}{3}$ lks. per mile, counting from the NE. cor. of tp.; thence return to cor. of Ts. 2 and 3 N., Rs. 15 and 16 W.

S. $89^{\circ}58'$ W., on true line bet. secs. 1 and 36, along N. bdy. of T. 2 N., R. 16 W.

Over level land: void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{2}$ S36 on N., and
S1 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

64.00 Enter a few scattered salt brush, bears NW. and S.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked

T3N S36 on NE.,
R16W S1 on SE.,
T2N S2 on SW., and
S35 on NW. face; with 1 notch on E. and
5 notches on W. edge.

NORTH BOUNDARY T. 2 N., R. 16 W.

Chains

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay saturated with mineral; slight salt crust on surface.

No vegetation on E. portion; few salt brush on W. end.

S. 89°58' W., bet. secs. 2 and 35.

Over level land; through scattered brush.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S35 on N., and
S2 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. square, 4 ft. long, 36 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked

T3N S35 on NE.,
R16W S2 on SE.,
T2N S3 on SW., and
S34 on NW. face.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet clay saturated with mineral.

Undergrowth, scattered salt brush.

S. 89°58' W., bet. secs. 33 and 34.

Over level land, through scattered brush.

24.00 Enter brush covered hummocks, 1 to 3 ft. high, bear N. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

S34

S3

1926

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. and raise a mound of earth, 3 ft. base, 12 ft. high, N. of cor. Deposit a quart of glass at base of monument.

49.00 Leave alkali flat, enter gently rolling, low bench land with heavier brush; soil, gravelly, bears N., and S. to SW.: slight ascent.

50.00 Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

T3N	S16W
S33	S34
S4	S3
T2N	
1926	

Dig pits, 18x18x12 ins., in each sec., 3 ft. dist.; and raise a mound of earth, 3 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

E. portion of mile is level alkali flat with wet clay and sandy clay soil: covered with scattered salt brush. E. portion of mile is slightly rolling with E. exposure bench land, lying at foot of E. base of Silver Island; soil, hard packed clay with gravel surface; covered with short shadscale and greasewood brush. No timber.

S. 89°59' W., bet. secs. 3 and 33.

Over slightly rolling bench land: through short undergrowth

23.00 Base of a higher bench slope facing E., bears N. and S.

35.00 Top of bench, 60 ft. high, bears N. and S.; continue over nearly flat bench, slight S. exposure.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 10 ins. in the ground to hardpan, and surrounded by a large mound of s. tone and earth, 5 ft. base, for a sec. corner with brass cap marked

Chains

$\frac{1}{4}$ S33
S4

1926

Deposit a quart of glass at base of monument.

Pits impracticable.

- 80.00 Set a n iron post, 3 ft. long, 2 ins. dia., 10 ins. in the ground to hardpan, and 20 ins. in a large mound of stone, 4 ft. base, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

T3N	R16W
S32	S33
S5	S4
T2N	
1926	

Deposit a quart of glass at base of monument.

Pits impracticable.

Land, gently rolling bench with slight S. exposure.

Soil, hard packed clay and gravel mixed, lying on a hardpan of clay and gravel. surface strewn with fine black gravel and small cobble rock.

Undergrowth, short shadscale with few greasewood.

No timber.

S. 89°58' W., bet. secs. 5 and 32.

Over gently rolling bench land: through short undergrowth.

- 4.00 Dim wagon road, bears NE. and SW.
- 12.00 Leave bench, enter mountainous land at base of Silver Island, bears NE. and S. to SW.; asc. E. slope,
- 14.80 Top of rocky outcrop or reef facing E., 120 ft. above sec. cor., bears S. about 5 chs. to end, and extends N.20°W.; continue over rolling S. slope
- 40.00 On a gradual S. slope, 10 ft. below outcrop, Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to underlying rock, and supported by a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

NORTH BOUNDARY T. 2 N., R. 16 W.

Chains

$$\begin{array}{r} - S32 \\ \frac{1}{4} \hline S5 \\ 1926 \end{array}$$

Deposit a quart of glass at base of monument.

Continue along a rolling S. slope to

50.00 Base of spur, bears NW. and S.; ascend E. slope.

56.00 Top of low spur, 110 ft. above $\frac{1}{4}$ sec. cor., slopes off to SE. for 5 chs. to end; continue along a S. slope ascending.

74.20 Bottom of short gully, 35 ft. deep, drains SE.; ascend steep E. slope, 130 ft. to sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 14 ins. in the ground, ^{and in mound of stone} for cor. of secs. 5, 6, 31 and 32, with brass cap marked

T3N	R16W
S31	S32
S6	S5
T2N	
1926	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. And deposit a quart of glass at base of monument.

Land: mountainous on W. portion; rolling bench on E. general S. and SE. exposure and drainage.

Soil, rocky of limestone formation; 4th rate.

Undergrowth, scattered shadscale and greasewood.

No timber. Corner stands on top of point of spur from SW.

S. $89^{\circ}58'$ W., on true line bet. secs. 6 and 31.

Over rough mountainous land; through short undergrowth.

Gradually descend along S. slope.

14.50 Bottom of hollow, 35 ft. below cor., drains S. 60° E.; ascend steep broken NE. and E. slopes, 450 ft. to

40.00 On steep E. slope.

Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

NORTH BOUNDARY T. 2 N., R. 16 W.

Chains

S31

$\frac{1}{4}$

S6

1926

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. And deposit a quart of glass at base of monument.

Ascend steep E. slope over broken limestone ledges.

44.70 Top of high ridge spur, 190 ft. above $\frac{1}{4}$ sec. cor., bears S. for 5 chs. dist., thence SE. and bears NW.; descend broken W. and SW. slopes, 250 ft. to

56.80 Bottom of gulch, near head, drains S.; ascend along broken and ledgy SE. and S. slopes, 140 ft. to

66.60 Top of ascent on rocky S. slope, bears N. to ridge; descend along broken S. and SW. slopes, 150 ft. to

71.80 Bottom of short gully, drains S. into canyon; ascend SE. slope, 60 ft. to

76.80 Top of low spur, projects S. 1 ch. dist.; descend W. slope, 15 ft. to tp. cor.

79.03 Intersect the cor. of Ts. 2 and 3 N., Rs. 16 and 17 W., heretofore described.

Land, rough mountainous with general SE. exposure and drainage.

Soil, rocky of limestone formation; 4th rate.

Undergrowth, short, scattered shadscale and greasewood.

No timber.

SUBDIVISION OF T. 2 N., R. 16 W.

From the original cor. of secs. 1, 2, 35 and 36 on S. bdy. of tp., which is a glass deposit, 4 ins. beneath the surface; witnessed by traces of 4 pits, one in each sec., 4 ft. dist., and by a pine stake 2 ins. sq., flush with ground, properly marked. I reconstruct cor. at same point with a fir post, 4 ins. sq., 4 ft. long, set 36 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked

SUBDIVISION T. 2 N., R. 16 W.

Chains	
	<p>T2N S36 on NE., R16W S1 on SE., T1N S2 on SW., and S35 on NW. face; with 1 notch on E. and 5 notches on W. edge.</p> <p>Thence</p> <p>N. 0°01' W., bet. secs. 35 and 36.</p> <p>Over level land; void of vegetation.</p>
40.00	<p>Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p>$\frac{1}{4}$ S35 on W., and S36 on E. face.</p> <p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked</p> <p>T2N S25 on NE., R16W S36 on SE., S35 on SW., and S26 on NW. face: with 1 notch on S. and E. edges.</p> <p>Dig pits, 18x18x12 ins., in each sec., 5$\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.</p> <p>Land, level alkali desert.</p> <p>Soil, wet, sticky clay saturated with mineral.</p> <p>No vegetation.</p>
	<hr/> <p>Fast, on a random line bet. secs. 25 and 36.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
80.00	<p>Intersect E. bdy. of tp., 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, established by me and described in notes of survey T. 2 N., R. 15 W.</p> <p>Thence</p> <p>N. 89°59' W., on true line bet. secs. 25 and 36.</p> <p>Over level land; void of vegetation.</p>
24.00	<p>Enter scattered hummocks and short brush, bears N. and S.</p>
40.00	<p>Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the</p>

SUBDIVISION T. 2 N., R. 16 W.

Chains

Survey ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S25 on N., and
S36 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

44.00 Leave hummocks and vegetation, bears N. and S.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, level alkali flat.

Soil, damp, firm clay.

Undergrowth, scattered salt brush on hummocks.

N. 0°01' W., bet. secs. 25 and 26.

Over level land: void of vegetation.

24.00 Enter scattered brush covered hummocks and sandy clay
soil, bears N.20°W. and SE.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on N., and
S25 on S. face

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument

61.00 Leave hummocks and nearly all brush, reenter flat, bears
NE. and SW.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 23, 24, 25 and 26, marked

T2N S24 on NE.,
R16W S25 on SE.,
S26 on SW., and
S23 on NW. face; with 2 notches on S.
and 1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.: and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Corner stands at N. edge of flat and on S. edge of
hummocks and brush, bearing SE. and N.30°W.

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SUBDIVISION T. 2 N., R. 16 W.

Chains

Land, level alkali flat, with scattered brush covered hummocks on portion of mile.

Soil, damp clay on flat; sandy clay on firm clay subsoil among the hummocks.

Undergrowth, salt brush on portion of mile.

S. 89°59' E., on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the E. bdy. of tp., at the cor. of secs. 19, 24, 25 and 30, heretofore described in survey of T.2 N., R. 15 W.

Thence

N. 89°59' W., on true line bet. secs. 24 and 25.

Over level land; void of vegetation.

23.00 Enter brush covered hummocks, 1 to 5 ft. high, bear N. and S.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S24 on N., and
 S25 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 23, 24, 25 and 26.

Land level alkali flat on E. portion; hummocks of from 1 to 5 ft. high on W. portion.

Soil, wet clay on E. portion; hard packed, dry sandy clay with some fine gravel on surface among hummocks.

Undergrowth, scattered salt brush.

N. 0°01' W., bet. secs. 23 and 24.

Over level land with brush covered hummocks 1 to 5 ft. high.

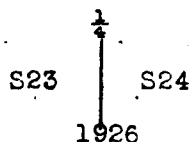
32.00 Leave level flat, enter bench land lying between desert and Floating Island, bears SE. to E. and nearly W.;

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

begin slight ascent over gravelly bench.

- 40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



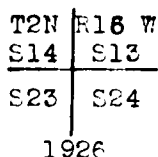
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument. Continue slight ascent over gently rolling bench towards base of island.

- 62.00 Base of Floating Island and mountainous land, bears N.20°E. and SW., also enter rocky land; along low, broken E. slope, gradually ascending.

- 74.20 Mouth of dry wash, 20 lks. wide, 5 ft. deep, drains SE.

- 80.00 On rocky SE. slope, 160 ft. above $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. dia., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Also deposit a quart of glass at base of post. S. 32 chs. is level desert land with brush covered hummocks from 1 to 5 ft. high; next 30 chs. is gently rolling bench with slight S. exposure; gravelly soil; N. 18 chs. is mountainous land facing nearly E.; rocky soil of limestone formation.

Undergrowth, scattered short shadscale and salt brush.

S. 89°59' E., on random line bet. secs. 13 and 24.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

- 80.00 Intersect E. bdy. of tp., at the cor. of secs. 13, 18, 19 and 24, heretofore described in notes of T.2 N., R.15 W.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains	
	Thence
	N. 89°59' W.; on true line bet. secs. 13 and 24.
	Over level alkali flat; through scattered salt brush.
17.00	Enter hummocks, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{r} S13 \\ \frac{1}{4} \text{---} \\ S24 \\ 1926 \end{array}$
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
41.00	Leave level desert land and hummocks, enter gravelly bench land, bears NE. and nearly S.; begin gentle ascent over rolling E. exposure.
65.30	Base of mountainous land and foot of Floating Island, bears NE. and S.30°W.; ascend rocky E. slope.
80.00	The cor. of secs. 13, 14, 23 and 24, 160 ft. above $\frac{1}{4}$ sec. cor.
	E. portion of mile is level alkali desert with hummocks from 1 to 5 ft. high along edge; soil, heavy clay and sandy clay: W. portion of mile is gently rolling bench lying at foot of Floating Island, and mountainous; soil gravelly and rocky of limestone formation.
	Undergrowth, scattered, short salt brush, shadscale and greasewood. No timber.
	<hr/>
	N. 0°01' W., bet. secs. 13 and 14.
	Over mountainous land; through scattered, short undergrowth; ascend broken and rocky general SE. and E. slopes of Floating Island.
11.60	Top of rocky point on E. slope, 175 ft. above sec. cor.; continue along more gradual E. and SE. slopes.
16.10	Gully, 30 ft. deep, drains SE.
30.30	Top of wide, smooth spur, 320 ft. above sec. cor., pro-

SUBDIVISION T. 2 N., R. 16 W.

Chains

jects E. a short distance; also point from which -
 "East Point" of Silver Island bears N. $25\frac{1}{2}^{\circ}$ W., approx-
 imately 4 miles distant; high cliff point on Floating
 Island facing N., bears N. 64° W., approximately 35 chs.
 dist.

Descend abrupt N. slope, 260 ft. to $\frac{1}{4}$ sec. cor.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on steep N. slope in
 water course where cor. cannot be perpetuated. No cor.
 set here.

40.80 Set an iron post, 3 ft. long, 1 in. dia., 14 ins. in
 the ground to underlying rock, and supported by a
 large mound of stone, for witness cor. to the $\frac{1}{4}$ sec.
 cor., with brass cap marked

$\frac{1}{4}$
 S14 | S13
 W C
 1926

Deposit a quart of glass at base of monument.

Continue more gradual descent along N. and NE. slopes.

65.70 Top of 75 ft. limestone cliff, bears NW. for short dist.,
 and S. 10° E.; descend abrupt N. face.

69.30 Base of cliff and island, 200 ft. below $\frac{1}{4}$ sec. cor.,
 bears NW. and S. 10° E.; continue over low bench land
 rocky and sandy land.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in
 the ground, for cor. of secs. 11, 12, 13 and 14, with
 brass cap marked

T2N | R16W
 S11 | S12
 S14 | S13
 1926

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor. Also deposit a quart of glass at base of post.
 Corner stands in edge of high, loose sandy hummocks.
 High cliff point facing N., bears S. 42° W., on plus
 $16\frac{1}{4}^{\circ}$ elevation on 900 to 950 ft. above cor.

SUBDIVISION T. 2 N., R. 16 W.

Chains

Land, mountainous with general SE. and NE. exposures and drainage.

Soil, rocky of limestone formation; 4th rate.

Undergrowth, very scattered shadscale and greasewood.

No timber.

S. $89^{\circ}59'$ E., on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect E. bdy. of tp., 2 lks. S. of ^{cor.} secs. 7, 12, 13 and 18, heretofore described in notes of T. 2 N., R. 15 W.; thence

West, on true line bet. secs. 12 and 13.

Over level alkali flat; through very scattered brush.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S12 on N., and
S13 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

71.00 Enter tall sandy hummocks, bears N. and SE.

80.00 The cor. of secs. 11, 12, 13 and 14.

Land, level alkali flat, with hummocks along edge of desert.

Soil, heavy clay and sandy clay.

Undergrowth, scattered salt brush.

N. $0^{\circ}01'$ W., bet. secs. 11 and 12.

Over sandy clay, brush covered hummocks from sec. cor. at base of the island slope bearing SE. and N. 80° W.

24.00 Leave sandy clay hummocks, enter wet clay flat, bears N. 60° W. and S. 20° E.; continue through scattered brush.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S11 on W., and
S12 on E. face.

SUBDIVISION T. 2 N., R. 16 W.

Chains

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3½ ft. base, 1½ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 1, 2, 11 and 12, marked

T2N S1 on NE.,

R16W S12 on SE.,

S11 on SW., and

S2 on NW. face; with 5 notches on S. and
1 notch on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land level flat with hummocks on S. end along edge of
desert.

Soil, wet, clay saturated with mineral.

Undergrowth, scattered salt brush.

East, on random line bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

80.00 Intersect E. bdy. of tp., at the cor. of secs. 1, 6, 7
and 12, heretofore described in notes of T.2 N., R.15 W.

Thence

West, on true line bet. secs. 1 and 12.

Over level land; through scattered brush.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for ¼ sec. cor., marked

¼ S1 on N., and

S12 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3½ ft. base, 1½ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 1, 2, 11 and 12.

Center of highest cliff point on Floating Island facing
N., bears S.15¼°W.

Land, level alkali flat.

Soil, wet, sticky clay saturated with mineral.

Undergrowth, scattered salt brush.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

- N. $0^{\circ}01'$ W., on random line bet. secs. 1 and 2.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect N. bdy. of tp., at the cor. of secs. 1, 2, 35 and 36, hereinbefore described.
- Thence
- S. $0^{\circ}01'$ E., on true line bet. secs. 1 and 2.
- Over level land; through few scattered brush.
- 39.92 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S2 on W., and
S1 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 79.92 The cor. of secs. 1, 2, 11 and 12.
- Land, level alkali flat.
- Soil, wet, clay saturated with mineral.
- Undergrowth, scattered salt brush.
-
- From the original cor. of secs. 2, 3, 34 and 35 on S. bdy. of tp., which is a glass deposit, found 3 ins. beneath the surface; witnessed by traces of 4 pits, one in each sec., 4 ft. dist., and by a pine stake, 2 ins. sq., showing 2 ins. above ground and properly marked. I reconstruct cor. at same point with a fir post, 4 ins. sq., 4 ft. long, set 36 ins. in ground, for cor. of secs. 2, 3, 34 and 35, marked
- T2N S35 on NE.,
R16W S2 on SE.,
T1N S3 on SW., and
S34 on NW. face; with 2 notches on E. and 4 notches on W. edge.
- Thence
- N. $0^{\circ}02'$ W., bet. secs. 34 and 35.
- Over level land; through no vegetation.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

SUBDIVISION T. 2 N., R. 16 W.

Chains

$\frac{1}{4}$ S34 on W., and
S35 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 26, 27, 34 and 35, marked

T2N S26 on NE.,
R16W S35 on SE.,
S34 on SW., and
S27 on NW. face: with 1 notch on S.
and 2 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, damp, firm sandy clay.

No vegetation.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and E. line, 2 lks. E. of the cor. of secs.
25, 26, 35 and 36.

Thence

N. 89°59' W., on true line bet. secs. 26 and 35.

Over level land: void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S26 on N., and
S35 on E. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 26, 27, 34 and 35.

Land, level alkali flat..

Soil, heavy clay with some gypsum formation.

No vegetation.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

N. $0^{\circ}02'$ W., bet. secs. 26 and 27.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S27 on W., and
S26 on E. face

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

Enter a few scattered salt brush, N. from $\frac{1}{4}$ sec. cor.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked

T2N S23 on NE.,
R16W S26 on SE.,
S27 on SW., and
S22 on NW. face; with 2 notches on S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, firm clay and sandy clay.

Undergrowth, few salt brush on N. $\frac{1}{2}$ mile.

S. $89^{\circ}59'$ E., on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 23, 24, 25 and 26.

Thence

N. $89^{\circ}59'$ W., on true line bet. secs. 23 and 26.

Over level land; through few scattered salt brush.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S23 on N., and
S26 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

- 80.00 The cor. of secs. 22, 23, 26 and 27.
This corner stands at N. edge of clay flat bearing about N.80°E. and N.80°W.
Land, level alkali flat.
Soil, firm sandy clay.
Undergrowth, scattered salt brush.
High, black rocky point near SW. end of Floating Island bears N.35°W., approximately 50 chs. dist.
-
- N. 0°02' W., bet. secs. 22 and 23.
Over low bench with gentle S. exposure: gravelly and stony soil: through very scattered shrubs.
- 24.00 Base of mountainous land, bears SE. and SW.: begin steeper ascent over rocky S. slope of Floating Island.
- 36.35 Top of ridge, 235 ft. above sec. cor., bears W. and N.40°E.: black point facing N., on SW. end of island, bears N.77°E., approximately 30 chs. dist.
Descend N. and NW. slopes.
- 40.00 On a steep NW. slope, 40 ft. below ridge,
Set an iron post, 3 ft. long, 1 in. dia., 90 ins. in the ground, for 2 sec. cor., with brass cap marked
- 1922 1923
1926
- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Also deposit a quart of glass at base of post.
- 45.50 Base of ridge, 65 ft. below 2 sec. cor., bears NE. and W.: continue along a gradual W. slope.
- 53.70 Wash, 10 lks. wide, 3 ft. deep, drains W.: begin slight ascent along W. slope.
- 72.00 Wash, 20 lks. wide, 5 ft. deep, drains S.80°W.
- 80.00 On a gradual SE. slope,
Set an iron post, 3 ft. long, 2 ins. dia., 12 ins. in the ground to underlying rock, and supported by a

SUBDIVISION. T. 2 N., R. 16 W.

Chains

acres

large mound of stone, for cor. of secs. 14, 15, 22
and 23, with brass cap marked

T2N	R16W
S15	S14
S22	S23

1926

Deposit a quart of glass at base of post.

Land, mountainous on N. 56 chs.; low bench on S. 24 chs.

Drainage and exposure to S. and W.

Soil, rocky and gravelly; 4th rate.

Undergrowth, short, scattered shadscale and some grease-
wood. No timber.

S. 89°59' E., on random line bet. secs. 14 and 23.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.04 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
13, 14, 23 and 24.

Thence

S. 89°58' W., on true line bet. secs. 14 and 23.

Over mountainous land: through scattered undergrowth;
ascend steep, rocky SE. slope.

6.90 Small draw, 20 ft. deep, drains SE.; abrupt ascent over
E. slope.

14.00 Top of the abrupt ascent, bears N. and S.

15.40 Top of ascent over E. slope, 310 ft. above sec. cor.,
bears N., and extends S. forming a black point or spur.
Continue along a gradual S. slope.

28.00 Begin steep, rocky ascent along SE. and S. slopes.

36.50 Top of ascent on S. slope of S. end of ridge forming
main divide of island and extends N. for about 45 chs.
to high cliff point, 420 ft. above sec. cor.

Descend along steep, rocky S. and SW. slopes.

40.02 True point for $\frac{1}{2}$ sec. cor. falls on steep SW. slope in
water course draining SW., where cor. cannot be
perpetuated. No cor. set here.

SUBDIVISION T. 2 N., R. 16 W.

Chains

- 40.50 Set an iron post, 3 ft. long, 1 in. dia., 8 ins. in the ground to bedrock, and surrounded by a mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S14}{S23} WC$$

1926

Deposit a quart of glass at base of monument.

Cor. stands on a steep SW. slope. A low pass or saddle bears SW. about 20 chs. dist.
Descend steep W. slope, 265 ft. to

- 56.50 Base of steep descent, bears N. and S.; continue over a gradual, rolling W. and SW. exposure, descending.

- 80.04 The cor. of secs. 14, 15, 22 and 23, 350 ft. below W $\frac{1}{4}$ C.

Land, rough mountainous with general E., S. and W. exposures and drainage.

Soil, rocky of limestone formation: 4th rate.

Undergrowth, short, scattered shadescale.

No timber.

N. 62°21' W., bet. secs. 14 and 15.

Over mountainous land: through very little undergrowth: ascend steep S. rocky slope, 240 ft. to

- 16.60 Top of spur, projects S. 41° W., from N. 70° E.: descend broken N. slope, 280 ft. to

- 3 5.60 Bottom of hollow at mouth, from SE.: drains NW.: ascend SW. slope, 50 ft. to

- 40.00 Top of steep ascent from hollow, bears NW. and SE.,
Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock, and surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ S15 \quad | \quad S14 \\ 1926 \end{array}$$

Deposit a quart of glass at base of monument.

Chains

- Gently ascend along a slight W. slope of bench.
- 50.00 Begin ascent over S. slope of spur, bears E. and W.
- 59.30 Top of low spur, 85 ft. above $\frac{1}{2}$ sec. cor., projects SW. about 5 chs. dist. to point; descend broken, ledgy N. slope, 210 ft. to
- 70.00 Base of mountainous land and island, bears W. and N. 80° E. continue along sandy bench slope, hereover undergrowth.
- 80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 10, 11, 14 and 16, with brass cap marked

T2N	R16W
S10	S11
S15	S14
1926	

Big pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, mountainous on S. 70 chs. with general westerly exposure and drainage: nearly level bench on N. 10 chs. Soil, rocky in form of bedrock, outcrops and loose surface rock of limestone formation: 4th rate; loose sandy clay on N. end.

Undergrowth, short, scattered shadscale and some greasewood. No timber.

N. 89° 59' E., on random line bet. secs. 11 and 14.

- 40.00 Set temp. $\frac{1}{2}$ sec. cor.
- 80.00 Intersect W. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.

The sec

S. 89° 59' W., on true line bet. secs. 11 and 14.

Over bench land: through scattered undergrowth.

- 5.00 Top of lone black rock outcrop, 15 ft. high, extends NW. 1 ch., and SE. $\frac{1}{2}$ ch. to end.; enter rocky land.
- 16.00 Base of Floating Island, bears W. 80° E. and N. 80° E.; S. of line is cliff 80 ft. high facing E.; gradually

SUBDIVISION T. 2 N., R. 16 W.

Chains

ascend along broken and rocky N. slope.

32.00 Begin steep ascent over E. slope, 70 ft. to

33.40 Top of sharp ledge spur, projects N. 5 chs. dist. to
end; continue along a gradual N. slope; desc. 20 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in
the ground to underlying rock, and surrounded by a
maund of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S11 \\ \frac{1}{4} \\ S14 \end{array}$$

1926

Deposit a quart of glass at base of monument.

41.00 Wash, 20 lks. wide, 3 ft. deep, drains N.30°E. for 8 chs.
to base of island.

53.00 Low, flat spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects N.30°
W. for about 5 chs. to point; descend broken NW. and W.
slopes, 75 ft. to

63.00 Base of island and rocky land, bears S.80°W. and N.;
continue over rolling bench with sandy clay soil.

80.00 The cor. of secs. 10,11,14 and 15, 100 ft. below spur.
Land, broken and rolling. The line crosses the N. end
of Floating Island: drainage N.

Soil, rocky of limestone formation, and sandy clay.
Undergrowth, short, scattered shadscale, greasewood
and rabbit-brush.

N. 0°02' W., bet. secs. 10 and 11.

Over sandy clay bench or rise, through brush and hummocks.

24.00 Leave hummocks and bench, enter alkali flat with very
scattered salt brush, bears easterly and southwesterly.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$$\begin{array}{ccc} & \frac{1}{4} & \\ & | & \\ S10 & & S11 \\ & 1926 & \end{array}$$

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;

SUBDIVISION T. 2 N., R. 16 W.

Chains

- and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked
- T2N S2 on NE.,
R16W S11 on SE.,
S10 on SW., and
S3 on NW. face; with 5 notches on S.
and 2 notches on E. edge.
- Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali flat on N. 56 chs.: low bench with sandy clay hummocks on S. 24 chs.
- Soil, damp clay and sandy clay.
- Undergrowth, salt brush and greasewood.
-
- N. $89^{\circ}59'$ E., on random line bet. secs. 2 and 11.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect the cor. of secs. 1, 2, 11 and 12.
- Thence
- S. $89^{\circ}59'$ W., on true line bet. secs. 2 and 11.
- Over level land; through scattered brush.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S2 on N., and
S11 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.00 The cor. of secs. 2, 3, 10 and 11.
- Land, level alkali flat.
- Soil, wet clay and sandy clay saturated with mineral.
- Undergrowth, scattered salt brush, 1 ft. high.
-
- N. $0^{\circ}02'$ W., on random line bet. secs. 2 and 3.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION T. 2 N., R. 16 W.

Chains

79.87 Intersect N. bdy. of tp.; at the cor. of secs. 2, 3, 34 and 35; hereinbefore described.

Thence

S. 0°02' E., on true line bet. secs. 2 and 3.

Over level land: through scattered, small brush covered hummocks about $\frac{1}{2}$ to 1 ft. high.

39.87 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S3 on W., and
S2 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

79.87 The cor. of secs. 2, 3, 10 and 11.

Land, level alkali desert.

Soil, wet clay and sandy clay.

Undergrowth, scattered salt brush found on low hummocks.

From the original cor. of secs. 3, 4, 33 and 34 on S. bdy. of tp., which is a glass deposit, 2 ins. beneath the surface: witnessed by traces of 4 pits, one in each sec., 4 ft. dist., and by a pine stake in SE. pit, 2 ins. sq., showing 2 ins. above ground, properly marked. I reconstruct cor. at same point as follows:
Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked

T2N S34 on NE.,
R16W S3 on SE.,
T1N S4 on SW., and
S33 on NW. face; with 3 notches on E. and W. edges.

Thence

N. 0°02' W., bet. secs. 33 and 34.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S33 on W., and
S34 on E. face.

SUBDIVISION OF T. 12 N., R. 16 W.

Chains	
	<p>Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked</p> <p style="margin-left: 40px;">T2N S27 on NE., R16W S34 on SE., S33 on SW., and S28 on NW. face; with 1 notch on S. and 3 notches on E. edge.</p>
	<p>Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.</p>
	<p>Land, level alkali flat.</p> <p>Soil, wet sandy clay and heavy clay saturated with mineral.</p> <p>No vegetation.</p>
	<p>East, on random line bet. secs. 27 and 34.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 26, 27, 34 and 35.
	<p>Thence</p> <p>S. $89^{\circ}57'$ W., on true line bet. secs. 27 and 34.</p> <p>Over level land; void of vegetation.</p>
40.00	<p>Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked</p> <p style="margin-left: 40px;">$\frac{1}{4}$ S27 on N., and S34 on S. face.</p>
	<p>Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
80.00	<p>The cor. of secs. 27, 28, 33 and 34.</p> <p>Land, level alkali flat.</p> <p>Soil, wet sandy clay and heavy clay.</p> <p>No vegetation.</p>

SUBDIVISION T. 2 N., R. 16 W.

Chains

N. 0°02' W., bet. secs. 27 and 28.

Over level land: void of vegetation.

38.40 Enter brush covered hummocks, bears NW. and E.

40.00 Set a fir post, 4 ft. long, 4 ins. sq., 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S28 on W., and
S27 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor. Deposit a quart of glass at base of monument.

72.00 Leave hummocks and brush, bears NE. and E.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked

T2N S22 on NE.,
R16W S27 on SE.,
S28 on SW., and
S21 on NW. face: with 2 notches on N. and 3 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

High black point on SW. end of Floating Island, bears N. 49° E., approximately 65 chs. dist.: highest portion of island, near N. end, bears N. 45° E., approximately 2 miles distant.

Land, level alkali flat; hummocks 1 to 2 ft. high on portion of N. 2 mile.

Soil, wet sandy clay. and firm clay.

Undergrowth, scattered salt brush on N. portion of 116.

N. 89°57' E., on random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence

S. 89°58' W., on true line bet. secs. 22 and 27.

SUBDIVISION T. 2 N., R. 16 W.

Chains

Over level land with scattered small hummocks on portions of mile; through scattered brush.

39.99 $\frac{1}{2}$ Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S22 on N., and
S27 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

73.00 Leave hummocks and brush, bears N. and SW.

79.99 The cor. of secs. 21, 22, 27 and 28.

Land, level alkali desert with small, scattered hummocks. Soil, firm to damp sandy clay. Undergrowth, scattered salt brush.

N. 0°02' W., bet. secs. 21 and 22.

Over level land: void of vegetation.

6.50 Enter brush covered hummocks, bears NE. and SW.

27.20 Top of low, narrow, gravel covered spur, 15 ft. high, bears from N.75°E. to S.55°W.

36.00 Leave nearly all hummocks, bears NE. and SW.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S21 on W., and
S22 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked

T2N S15 on NE.,
R16W S22 on SE.,
S21 on SW., and
S16 on NW. face; with 3 notches on S. and E. edges.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

Land, level alkali desert with scattered hummocks.

Soil, firm sandy clay.

Undergrowth, scattered salt brush.

N. 89°58'E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
14, 15, 22 and 23.

Thence

N. 89°59' W., on true line bet. secs. 15 and 22.

Over mountainous land, through very scattered brush:
gradually ascend along a gentle S. slope at base of
spur to N. of line.

4.00 Base of spur, bears N. 85°E. and S. 70°W.: ascend along a
steep S. slope, 40 ft. to

12.00 Top of ascent on steep, rocky slope facing S. and bears
N. to point of spur from NE.: descend along S. and
SW. slopes, 165 ft. to

22.60 Base of mountainous and rocky land, bears N. and SE.:
continue slight descent over rolling bench land
with hummocks and heavier brush.

39.99 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S15
 $\frac{1}{4}$ —————
S22
1926

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.
Continue through more scattered hummocks.

49.00 Leave hummocks, enter level alkali flat, bears NE. and
SW.

79.98 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous on E. portion: S. and SW. exposure
and drainage; soil, rocky of limestone formation: 4th

SUBDIVISION T. 2 N., R. 16 W.

Chains

rate: W. portion of mile is level alkali desert and low sandy bench with hummocks; soil, sandy clay. Undergrowth, scattered salt brush and shadscale.

N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.

Over level land, through few scattered brush covered hummocks.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S16 on W., and
S15 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

Enter heavier brush and hummocks N. from $\frac{1}{4}$ sec. cor.

78.90 Top of sandy ridge, 15 ft. high, bears NE. and SW.

80.00 On a N. exposure between low sandy ridges,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

T2N	R16W
S9	S10
S16	S15

1926

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert with scattered hummocks and few low sandy ridges.

Soil, sandy clay to loose sandy, moist, on clay subsoil. Undergrowth, scattered salt brush.

S. $89^{\circ} 59'$ E., on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 10, 11, 14 and 15.

SUBDIVISION OF T. 2 N., R. 16 W.

Chains

Thence

S. $89^{\circ}59'$ W., on true line bet. secs. 10 and 15.

Over low rolling sandy bench and hummocks, through scattered brush.

23.00 Leave sandy clay bench, enter alkali flat with some scattered hummocks and low, detached sandy ridges, bears NE. and S. 20° W.

39.98 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S10
S15
1926

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.

Continue over flat with scattered sandy ridges and hummocks.

78.80 Low sandy ridge, 15 ft. high, bears NE. 2 chs. and SW.

79.97 The cor. of secs. 9, 10, 15 and 16.

Land, level flat and low, rolling bench and hummocks.

Soil, clay, sandy clay to loose sandy.

Undergrowth, scattered salt brush.

N. $0^{\circ}02'$ W., bet. secs. 9 and 10.

Over level land through brush covered hummocks from 1 to 3 ft. high.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 9 | S10
1926

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise amound of earth, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in

SUBDIVISION F. S. N. & W. R. 16 S. E.

Chains

the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

T2N	R16W
S4	S3
S9	S10

1926

Dig pits, 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert with dense hummocks from 1 to 3 ft. high.

Soil, damp sandy clay.

Undergrowth, scattered salt brush.

N. 89°59' E., on random line bet. secs. 3 and 10.

40.00 Set temp. ¼ sec. cor.

79.95 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence

West, on true line bet. secs. 3 and 10.

Over level land, through brush covered hummocks.

39.97½ Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for ¼ sec. cor., with brass cap marked

¼	S3
	S10

1926

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor. Deposit a quart of glass at base of monument.

79.95 The cor. of secs. 3, 4, 9 and 10.

Land, level alkali flat with sandy, brush covered hummocks from 1 to 2 ft. high.

Soil, damp, white clay, and sandy clay.

Undergrowth, scattered salt brush.

SUBDIVISION T. 2 N., R. 16 W.

Chains

N. 0°02' W., on random line bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.83 Intersect N. bdy. of tp., 5 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.

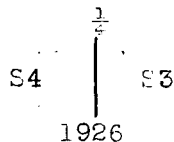
Thence

S. 0°04' E., on true line bet. secs. 3 and 4.

Over low, gravelly bench land, slight S. exposure;
through scattered brush.

9.50 Leave bench land and gravelly soil, enter alkali desert with clay soil, bears nearly E. and SW.; continue through scattered hummocks and salt brush.

39.83 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked



Dig pits, 18x18x12 ins., N. and S. of post, 3ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor. Deposit a quart of glass at base of monument.

79.83 The cor. of secs. 3, 4, 9 and 10.

N. 9 chs. is low, gently rolling bench with slight S. exposure; soil, gravelly on surface, dry, hard packed clay, and hardpan subsoil; covered with medium dense growth of shadscale and greasewood: S. portion of mile is alkali flat with sandy hummocks, 1 to 2 ft. high; wet clay, and sandy clay soil; scattered salt brush.

From the cor. of secs. 4, 5, 32 and 33 on S. bdy. of the tp., which is a glass deposit, 4 ins. beneath the surface of ground; witnessed by distinct traces of 4 pits, one in each sec., 4 ft. dist.; and a pine stake in SE. pit, 2 ins. sq., showing 1 in. above ground, properly marked. I reconstruct cor. at same point as follows: set a fir post, 4 ins. sq., 4 ft. long, 36

SUBDIVISION T. 2 N., R. 16 W.

Chains

ins. in the ground, for cor. of secs. 4, 5, 32 and 33,

marked

T2N S33 on NE.,

R16W S4 on SE.,

T1N S5 on SW., and

S32 on NW. face; with 4 notches on E.

and 2 notches on W. edge.

Thence

N. $0^{\circ}03'$ W., bet. secs. 32 and 33.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S32 on W., and

S33 on E. face.

Dig pits. 18x18x12 ins., N. and S. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked

T2N S28 on NE.,

R16W S33 on SE.,

S32 on SW., and

S29 on NW. face; with 1 notch on S.

and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and

raise a mound of earth, 4 ft. base, 2 ft. high, W. of

cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, wet, sticky sandy clay, slight salt crust on surface

No vegetation.

East, on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.99 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

S. $89^{\circ}56'$ W., on true line bet. secs. 28 and 33.

Over level land; void of vegetation.

39.99 $\frac{1}{2}$ Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

SUBDIVISION T. 2 N., R. 16 W.

Chains

$\frac{1}{4}$ S28 on N., and
S33 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.99 The cor. of secs. 28, 29, 32 and 33.

Land, level alkali desert.

Soil, wet, clay and sandy clay; thin salt crust on top.

No vegetation.

N. 0°03' W., bet. secs. 28 and 29.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S29 on W., and
S28 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

50.00 Enter some scattered brush and small hummocks, bears
E. and W.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for cor. of secs. 20, 21, 28 and 29, marked

T2N S21 on NE.,
R16W S28 on SE.,
S29 on SW., and
S20 on NW. face; with 2 notches on S.
and 4 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and
and raise a mound of earth, 4 ft. base, 2 ft. high,
W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali desert.

Soil, sandy clay.

Undergrowth, scattered salt brush on E. portion.

N. 89°56' E., on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION T. 2 N., R. 16 W.

Chains

- 80.00 Intersect the cor. of secs. 21, 22, 27 and 28.
Thence
S. $89^{\circ}56'$ W., on true line bet. secs. 21 and 28.
Over level land; void of vegetation.
- 11.50 Enter dense brush covered hummocks, 2 to 3 ft. high,
bears NE. and SW.
- 29.00 N. of line about 5 chs. dist. is SW. end of low, black
gravelly spur from NE.; also center line of hummocks
bearing southwesterly.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S21 on N., and
S28 on S. face.
Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.
Corner stands at W. edge of dense hummocks bearing NE.
and SW.; continue through few scattered hummocks and
brush.
- 80.00 The cor. of secs. 20, 21, 28 and 29.
Land, level alkali desert, with hummocks, 2 to 3 ft. high
on central portion of mile.
Soil, wet sandy clay on the flat portion; dry sandy clay
among hummocks.
Undergrowth, salt brush.
-
- N. $0^{\circ}03'$ W., bet. secs. 20 and 21.
Over level land; through very scattered brush.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S20 on W., and
S21 on E. face
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

SUBDIVISION T. 2 N., R. 16 W.

Chains

- 80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked
- T2N S16 on NE.,
R16W S21 on SE.,
S20 on SW., and
S17 on NW. face; with 3 notches on S.
and 4 notches on E. edge.
- Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- Land, level alkali desert.
- Soil, damp to wet sandy clay, thin crust of salt on portion of mile.
- Undergrowth, scattered salt brush about 1 ft. high.
-
- N. 89°56' E., on random line bet. secs. 16 and 21.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect the cor. of secs. 15, 16, 21 and 22.
- Thence
- S. 89°56' W., on true line bet. secs. 16 and 21.
- Over level land with some scattered hummocks and brush.
- 40.01 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S16 on N., and
S21 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.02 The cor. of secs. 16, 17, 20 and 21.
- High black rocky point near SW. end of Floating Island, bears S.74°5'E.; and high cliff point, near N. end of island, bears N.77 $\frac{1}{2}$ °E.
- Land, level alkali desert with few small hummocks on E. portion of mile.
- Soil, wet sandy clay.
- Undergrowth, scattered salt brush; very little on W. end of mile.

SUBDIVISION T. 2 N., R. 16 W.

Chains							
	N. 0°03' W., bet. secs. 16 and 17. 00.00 Over level land; void of vegetation.						
40.00	Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S17 on W., and S16 on E. face. Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.						
80.00	Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked						
	<table border="1"> <tr> <td>T2N</td><td>R16W</td></tr> <tr> <td>S8</td><td>S9</td></tr> <tr> <td>S17</td><td>S16</td></tr> </table> <p>1926</p>	T2N	R16W	S8	S9	S17	S16
T2N	R16W						
S8	S9						
S17	S16						
	Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.; also place a crown of rock around post.						
	Land, level alkali desert.						
	Soil, wet sandy clay.						
	Undergrowth, scattered salt brush on N. end of mile.						
	N. 89°56' E., on random line bet. secs. 9 and 16.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.00	Intersect the cor. of secs. 9, 10, 15 and 16.						
	Thence						
	S. 89°56' W., on true line bet. secs. 9 and 16.						
	Over level alkali desert; through scattered brush.						
0.90	Low sandy ridge, 10 ft. high, bears N. for 1 $\frac{1}{2}$ chs. to end and extends S. for about 8 chs. to end.						
2.00	Thence through scattered hummocks.						
40.00	Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked						

SUBDIVISION T. 2 N., R. 16 W.

Chains

$\frac{1}{4}$ S9 on N., and
S16 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high,
N. of cor. Deposit a quart of glass at base of monument.
Hummocks and brush become more scattered.

80.00 The cor. of secs. 8, 9, 16 and 17.

Land, level alkali desert with some small hummocks and
a sand ridge on eastern portion of mile.

Soil, wet sandy clay.

Undergrowth, scattered salt brush.

N. 0°03' W., bet. secs. 8 and 9.

Over level land, through few scattered brush.

0.40 Small drain, 4 ft. wide, 2 ft. deep, drains SW.

21.00 Enter heavier brush, and sandy hummocks, bears E. and W.

35.00 Leave level alkali land, enter low bench land with gravelly
soil, bears nearly E. and W.: begin slight ascent
over S. exposure.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S8 | S9
 1926

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 ft. base, 1 ft. high,
W. of cor. Deposit a quart of glass at base of post.

77.30 Wash, 10 lks. wide, 1 ft. deep, in ravine, 10 ft. deep,
drains SE.

80.00 On a SW. slope, 20 ft. above $\frac{1}{4}$ sec. cor.,
Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in
the ground, for cor. of secs. 4, 5, 8 and 9, with brass
cap marked

T2N | R16W
 S5 | S4
 S8 | S9
 1926

SUBDIVISION T. 2 N., R. 16 W.

Chains

Raise a mound of stone and earth, 5 ft. base, 2 ft. high, W. of cor. Also deposit a quart of glass at base of post. Pits impracticable on account of hardpan.

S. 35 chs. is level alkali desert with some hummocks; wet sandy clay soil; scattered salt brush: N. 45 chs. is nearly flat bench land with a S. exposure; soil, is a hard, packed sandy & gravelly clay, with small black gravel and cobble stone on surface; covered with a medium growth of short shadscale and few greasewoods.

N. $89^{\circ}55'$ E., on random line bet. secs. 4 and 9.

40.00 Set temp $\frac{1}{2}$ sec. cor.

80.00 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence

S. $89^{\circ}55'$ E., on true line bet. secs. 4 and 9.

Over level alkali land: through brush covered hummocks, 1 to 2 ft. high.

23.00 Leave level alkali land, enter gravelly bench land, bears nearly N. and S.: gently ascend to

26.80 Top of rise on bench, 20 ft. above flat, bears N. and S.: continue over slightly uneven bench with S. exposure.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \frac{84}{89} \\ 1926 \end{array}$$

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth and stone N. of cor., $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high.

Deposit a quart of glass at base of post.

80.00 The cor. of secs. 4, 5, 8 and 9.

E. 23 chs. is level alkali flat with scattered hummocks, 1 to 2 ft. high; soil, wet sandy clay, covered with scattered salt brush: remainder of mile is gently

SUBDIVISION T. 2 N., R. 16 W.

Chains

.7000 . Rolling bench with E. and S. exposures: soil, is a
 130.0 . dry, hard-packed gravelly clay, with fine, black
 gravel and small cobble rock on surface, covered
 with a medium growth of shadscale.

N. $0^{\circ}04'$ W., on random line bet. secs. 4 and 5.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect N. bdy. of tp., at the cor. of secs. 4, 5,
 32 and 33, hereinbefore described.

Thence

S. $0^{\circ}04'$ E., on true line bet. secs. 4 and 5.

Over gently rolling bench land with S. exposure, through
 medium dense, short undergrowth.

39.90 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\begin{array}{c} 2 \\ \mid \\ S5 \quad | \quad S4 \\ \mid \\ 1926 \end{array}$

Raise a mound of stone and earth, 4 ft. base, 2 ft. high,

W. of cor. Deposit a quart of glass at base of post.

Pits impracticable on account of hardpan.

79.90 The cor. of secs. 4, 5, 8 and 9.

Land, gently rolling bench with S. exposure.

Soil, dry, hard-packed gravelly clay, with fine black
 gravel and cobble stone on surface: 4th rate.

Undergrowth, medium dense shadscale and greasewood,
 average 1 to 2 ft. high.

From the original cor. of secs. 5, 6, 31 and 32 on S.
 bdy. of tp., which is a glass deposit, 3 ins. beneath
 surface: witnessed by traces of 4 pits, one in each
 sec., 4 ft. dist.; no evidence of the stake in SE.
 pit, and all evidence of the mound of earth over
 glass deposit has disappeared. I reconstruct cor. at

SUBDIVISION T..2 N., R. 16 W.

Chains

same point, with a fir post, 4 ins. sq., 4 ft. long, set 36 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked

T2N S32 on NE.,
R16W S5 on SE.,
T1N S6 on SW., and
S31 on NW. face; with 5 notches on E.
and 1 notch on W. edge.

Thence

N. 0°04' W., bet. secs. 31 and 32.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S31 on W., and
S32 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked

T2N S29 on NE.,
R16W S32 on SE.,
S31 on SW., and
S30 on NW. face; with 1 notch on S. and
5 notches on E. edge

Dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky sandy clay with a thin crust of salt on surface.

No vegetation.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence

S. 89°56' W., on true line bet. secs. 29 and 32.

SUBDIVISION T. 2 N., R. 16 W.

Chains

- Over level land; void of vegetation.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S29 on N., and
 $\frac{1}{4}$ S32 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 80.00 The cor. of secs. 29, 30, 31 and 32.
Land, level alkali flat.
Soil, wet sandy clay.
No vegetation.
-
- West, on random line bet. secs. 30 and 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.52 Intersect W. bdy. of tp., 12 lks. N. of the cor. of secs. 25, 30, 31 and 36, hereinbefore described.
Thence
N. 89°55' E., on true line bet. secs. 30 and 31.
Over level land; void of vegetation.
- 39.52 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S30 on N., and
 $\frac{1}{4}$ S31 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 79.52 The cor. of secs. 29, 30, 31 and 32.
Land, level alkali flat.
Soil, wet sandy clay, saturated with mineral, thin salt crust on surface.
No vegetation.
-
- N. 0°04' W., bet. secs. 29 and 30.
Over level land; void of vegetation.

SUBDIVISION T. 2 N., R. 16 W.

Chains

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ S30 on W., and
S29 on E. face.
Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked
T2N S20 on NE.,
R16W S29 on SE.,
S30 on SW., and
S19 on NW. face; with 2 notches on S.
and 5 notches on E. edge.

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet sandy clay saturated with mineral; thin salt
crust on surface.

No vegetation.

N. $89^{\circ}56'$ E., on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the cor. of secs. 20, 21, 28 and 29.

Thence

S. $89^{\circ}56'$ W., on true line bet. secs. 20 and 29.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ft. long, 4 ins. sq., 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S20 on N., and
S29 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 19, 20, 29 and 30.

Land, level alkali flat.

Soil, wet, sticky sandy clay. No vegetation.

SUBDIVISION T. 2 N., R. 16 W.

Chains

- S. $89^{\circ}55'$ W., on random line bet. secs. 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.42 Intersect W. bdy. of tp., 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.
- Thence
- N. $89^{\circ}56'$ E., on true line bet. secs. 19 and 30.
- Over level land: void of vegetation.
- 39.42 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S19 on N., and
S30 on S. face.
- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, N. of cor. Deposit a quart of glass at base of monument.
- 79.42 The cor. of secs. 19, 20, 29 and 30.
- Land, level alkali desert.
- Soil, wet sandy clay: thin salt crust on surface of portions of mile.
- No vegetation.
-
- N. $0^{\circ}04'$ E., bet. secs. 19 and 20.
- Over level land: void of vegetation.
- 40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked
- $\frac{1}{4}$ S19 on W., and
S20 on E. face.
- Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.: and raise a mound of earth, 3 ft. base, 1 ft. high, W. of cor. Deposit a quart of glass at base of monument.
- 80.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked
- T2N S17 on NE.,
R16W S20 on SE.,
S19 on SW., and
S18 on NW. face; with 3 notches on S.
and 5 notches on E. edge.
- Dig pits, 18x18x12 ins., in each sec., 5 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of

SUBDIVISION T. 2 N., R. 16 W.

Chains

Survey

cor. Deposit a quart of glass at base of monument.
Land, level alkali flat.
Soil, brown, wet sandy clay, and heavy clay; thin crust
of salt on S. portion of mile.
No vegetation.

N. $89^{\circ}56'$ E., on random line bet. secs. 17 and 20.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
16, 17, 20 and 21.

Thence

S. $89^{\circ}57'$ W., on true line bet. secs. 17 and 20.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{2}$ S17 on N., and
S20 on S. face.

Dig pits, 18x16x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,

N. of cor. Deposit a quart of glass at base of monument.

80.00 The cor. of secs. 17, 18, 19 and 20.

Land, level alkali desert.

Soil, wet sandy clay.

No vegetation.

S. $89^{\circ}56'$ W., on random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.31 Intersect W. bdy. of tp., at the cor. of secs. 13, 18,
19 and 24, hereinbefore described.

Thence

N. $89^{\circ}56'$ E., on true line bet. secs. 18 and 19.

Over level land; void of vegetation.

3 9.31 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

SUBDIVISION T. 2 N., R. 16 W.

Chains

$\frac{1}{4}$ S18 on N., and
S19 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor. Deposit a quart of glass at base of monument.

79.31 The cor. of secs. 17, 18, 19 and 20.

Land, level alkali flat.

Soil, wet, sandy clay.

No vegetation.

N. $0^{\circ}04'$ W., bet. secs. 17 and 18.

Over level land; void of vegetation.

40.00 Set a fir post, 4 ins. sq., 4 ft. long, 36 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S18 on W., and
S17 on E. face.

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor. Deposit a quart of glass at base of monument.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in
the ground, for cor. of secs. 7, 8, 17 and 18, with
brass cap marked

T2N	R16W
S7	S8
S18	S17

1926

Dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth and stone, 4 ft. base, 2 ft. high,
W. of cor. Deposit a quart of glass at base of monument.

Few stones around post.

Land, level alkali desert.

Soil, damp, firm sandy clay.

No vegetation.

N. $89^{\circ}56'$ E., on random line bet. secs. 8 and 17, for flag
at the cor. of secs. 8, 9, 16 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

SUBDIVISION T. 2 N., R. 16 W.

Chains

80.00 Intersect the cor. of secs. 8, 9, 16 and 17.

Thence

S. 89°56' W., on true line bet. secs. 8 and 17.

Over level land; through very scattered brush.

0.20 Small wash, 4 ft. wide, 2 ft. deep, drains SW.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S8}{S17}$
1926

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth and stone, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument; also place a crown of rock around post.

80.00 The cor. of secs. 7, 8, 17 and 18.

Land, level alkali desert.

Soil, firm, hard-packed sandy clay.

Undergrowth, scattered salt brush.

S. 89°56' W., on random line bet. secs. 7 and 18.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

70.12 Intersect W. bdy. of tp., at the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence

N. 89°56' E., on true line bet. secs. 7 and 18.

Over level land, through scattered brush covered

hummocks, 1 to 2 ft. high, from cor. near W. edge of desert land.

40.12 Set a sawed cedar post, 4x5 ins., 3 $\frac{1}{2}$ ft. long., 36 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ S7 on N., and
S18 on S. face.

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;

and raise a mound of earth and stone, 3 $\frac{1}{2}$ ft. base,

1 $\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at

base of monument; also place a crown of rock around post.

SUBDIVISION OF T. 2 N., R. 16 W.

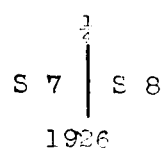
Chains

Continue thru less brush and only few hummocks.
79.19 The cor. of secs. 7, 8, 17 and 18.
Land; level alkali flat with scattered hummocks.
Soil, firm, hard-packed sandy clay.
Undergrowth, scattered salt brush, becoming very scarce
on E. portion.

N. 0°04' W., bet. secs. 7 and 8.
Over level land; void of vegetation.

9.00 Enter scattered brush and small hummocks, bears E. and W.

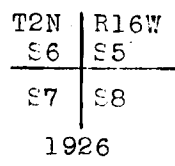
40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the
ground, for 1/4 sec. cor., with brass cap marked



Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.;
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,
W. of cor. Deposit a quart of glass at base of monument.
Also place a crown of rock around post.

55.00 Leave alkali flat, enter gravelly bench, bears E. and W.;
begin slight ascent over S. exposure.

80.00 Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in
the ground, for cor. of secs. 5, 6, 7 and 8, with
brass cap marked



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of
cor. Deposit a quart of glass at base of monument.
S. 55 chs. is level alkali flat with small hummocks;
soil, hard-packed sandy clay, covered with scattered
salt brush: remainder of mile is gently rolling bench
with S. exposure; soil, dry, hard-packed clay and
gravelly clay, gravelly and stony surface; covered
with medium growth of shadscale and greasewood.

SUBDIVISION T. 2 N., R. 23 W.

Chains

meters

N. $89^{\circ}56'$ E., on random line bet. secs. 5 and 6.40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.00 Intersect the cor. of secs. 4, 5, 8 and 9.

Thence

S. $89^{\circ}56'$ W., on true line bet. secs. 5 and 6.

Over gently rolling, gravelly bench land with S. exposure.

40.00 Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \frac{35}{18} \\ 1826 \end{array}$$

11x pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.:
and raise a mound of earth, 3 ft. base, 1 ft. high,
W. of cor. deposit a quart of glass at base of monument.

40.00 Tash, 5 lbs. wine, ft. deep, in swale, drains SE. to S.

80.00 The cor. of secs. 5, 6, 7 and 8.

Land, gently rolling bench with a gentle S. exposure.

Soil, dry, hard-packed gravelly clay, with fine black gravel and cobble stone on surface.

Undergrowth, medium dense shadscale and few greasewoods.

S. $89^{\circ}56'$ W., on random line bet. secs. 6 and 7.40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.09 Intersect W. bdy. of tp., 2 l.s. S. of the cor. of secs. 1, 6, 7 and 12, hereinbefore described.

Thence

N. $89^{\circ}57'$ E., on true line bet. secs. 6 and 7.

Over mountainous land; through short, scattered brush.

Ascend along a steep, rocky S. slope, 30 ft. to

16.70 Spur, slopes off SE.: continue along a broken and rocky S. slope, descending.

25.70 Shallow draw, drains SE., 200 ft. below spur; continue along general S. slope, slight descent.

34.50 Small rock spur, slopes off S. S. cor. dist. to and on

to a point 10 ft. from corner dist. to a green cl. rock mound

SUBDIVISION T. 2 N., R. 16 W.

Chains

descend steep E. slope, 130 ft. to

37.00 Base of spur, bears N. and S.; thence over a gradual SE. and S. slope.

39.09 Set an iron post, 3 ft. long, 1 in. dia., 18 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S6}{S7} \\ 1926$$

Deposit a quart of glass at base of monument.

Corner stands on a gradual SE. slope, 350 ft. below spur at 16.70 chs.

44.10 Base of wide, shallow hollow, drains SE.

51.00 Base of mountainous land, bears NE. and S. 30° W.; continue slight descent over bench with SE. exposure.

56.40 Dim wagon road, bears NE. and SW.

79.09 The cor. of secs. 5, 6, 7 and 8, 440 ft. below spur at 16.70 chs.

Land, mountainous on W. 51 chs., and gently rolling bench on E. end of mile; general S. and SE. exposure and drainage.

Soil, rocky of limestone formation, and gravelly.

Undergrowth, short shadscale.

N. 0°04' W., on random line bet. secs. 5 and 6.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. bdy. of tp., at the cor. of secs. 5, 6, 31 and 32, hereinbefore described.

Thence

S. 0°04' E., on true line bet. secs. 5 and 6.

Over rolling mountainous land: through scattered brush.

Descend steep, rocky SW. and S. slopes, 110 ft. to

5.50 Base of slope in N. edge of hollow, bears E. and N. 80° W.; thence across bottom of hollow draining S. 80° E.; no definite water channel.

SUBDIVISION T. 2 N., R. 16 W.

Chains	
10.60	S. edge of hollow, bears E. and N.70°W.; ascend 20 ft. to
13.00	Top of spur from W.; projects S.80°E. for 7 chs. to high point; thence slopes off to SE.
	Descend broken S. slope, 260 ft. to $\frac{1}{4}$ sec. cor.
39.98	On a gradual S. slope, Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock, and supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	<div style="text-align: center;"> $\frac{1}{4}$ S6 | S5 1926 </div>
	Deposit a quart of glass at base of monument.
45.00	Base of mountainous land at mouth of hollow from NW., bears NE. and SW.; hollow drains SE.
	Thence continue a gradual descent over SE. exposure of bench land, 120 ft. to sec. cor.
64.50	Dim wagon road, bears NE. and SW.
79.98	The cor. of secs. 5, 6, 7 and 8.
	Land, mountainous and gently rolling bench slope; along general E. slope of Silver Island.
	Soil, rocky and gravelly, of limestone formation.
	Undergrowth, short shadscale and few greasewoods.
	No timber.

Boundaries of T. 2 N., R. 16 W.

Latitudes, departures and closing errors.

Lines Designated	True Bearing	Dist- ances Chs.	Latitudes		Departures	
			N Chs.	S Chs.	E Chs.	W Chs.
West boundary	South	480.00	.....	480.00	.....	.....
South boundary	East	479.65	.....	.....	479.65	.....
East boundary	North	480.00	480.00	.....	.....	.....
North boundary	S89°58'W.	479.03		.30		479.03
Convergency						.63
Totals -----			480.00	480.30	479.65	479.66
				<u>480.00</u>		<u>479.65</u>
Error in lat. and dep. ---				0.30		0.01

GENERAL DESCRIPTION T. 2 N., R. 16 W.

GENERAL DESCRIPTION T.2 N., R. 16 W.

The major portion of this township lies in the Great American Desert and is a vast alkali flat. The northern portion of the flat is covered with a scattered growth of salt brush, approximately 1 ft. high, while the southern portion is mainly barren and destitute of vegetation. The soil in the flat is principally a wet, sticky clay and sandy clay, saturated with mineral of saline character. The southwest portion of sec. 31 lies on a salt bed of from 2 to 3 inches in thickness. A saline brine is encountered on portions of the flat at from 1 to 4 ft. under the surface, being closer to the surface in the extreme northeast corner, and in the southwest portion.

Floating Island is located in the east-central portion of the township as shown upon the plat. It is approximately 2 miles north and south and 1½ miles east and west in size, rising to an elevation of 900 ft. above the surrounding flat, and is a rough, dark colored, barren land of limestone formation. The soil is very rocky in form of bedrock, outcrops and surface rock, supporting only a sparse growth of short shadscale and few greasewoods.

The northwest corner of this township lies on the east slope of Silver Island and is mountainous and rocky, and similar in character to Floating Island. A low, gravelly bench extends easterly from base of Silver Island to the alkali flat.

There are no settlers in this township.

No indications of coal, oil, or mineral other than of saline character were found in the township.

No magnetic declination was taken on account of defective needle.

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Page

BOOK A-480

4-680

FIELD ASSISTANTS.

[illegible]


U. S. CADASTRAL ENGINEER.
CERTIFICATE OF UNITED STATES SURVEYOR.

I, Andrew Nelson / U.S. Cadastral Engineer, ~~U. S. Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah dated April 11, 1925 and supplemental instructions from the District Cadastral Engineer bearing date of the 28th day of July, 1925 I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the west and north boundaries and the subdivisional lines of Township 2 North Range 16 West and the reconstruction of section corners on south boundary of said tp., all of the Salt Lake Base and

_____ of the _____

_____ Meridian, in the State of Utah, which are represented on dates as shown on date diagram page 1, the foregoing field notes as having been executed by me and under my direction; and that all the corner said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and District Cadastral Engineer and in the specific manner described in the field notes, and that the foregoing are the original field notes such survey.

Salt Lake City, Utah
Nov. 12, 1926.



U. S. Cadastral Engineer

APPROVAL.

OFFICE OF THE UNITED STATES Supervisor of Surveys
~~Surveyor General~~

November 24, 1926

The foregoing field notes of the survey of the west and north boundaries and subdivision of T. 2 N., R. 16 W., and reconstruction of section corners on south boundary of T. 2 N., R. 16 W., S. L. B. & M.,

executed by Andrew Nelson, U. S. Cadastral Engineer,

under his special instructions dated April 11 and July 28, 1925 having been critically examined, and the necessary corrections and explanations made, the said field notes, and the survey they describe, are hereby approved.



Supervisor of Surveys ~~U. S. Surveyor General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

RECEIVED

FEB 7 1927

District Cadastral Engineer,
Salt Lake City, Utah

BOOK A-480

FIELD NOTES

OF THE SURVEY OF THE

SALT LAKE BASE LINE

THROUGH

RANGES 12, 13, 14, 14½ and 15 WEST.

Of the

Salt Lake

Meridian,

In the State of

UTAH

EXECUTED BY

ANDREW NELSON, U. S. CADASTRAL ENGINEER.

In the capacity of U. S. Surveyor, under instructions dated April 11, 1925,

issued by the United States Surveyor General to govern surveys included in

Group No. 164, which were approved by the Commissioner of the General Land

Office, April 21, 1925, XXX

Assignment Instructions dated May 6, 1925. ✓

Survey commenced June 27, 1925. ✓, XXX

Survey completed July 1, 1925. ✓, XXX

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	Salt Lake Base Line, Range 12 West				
8	7	6	5	4	3

Salt Lake Base Line, Range 13 West.

31	32	33	34	35	36
13	12	11	10	10	9

R14 $\frac{1}{2}$ W Salt Lake Base Line, Range 14 West

36	31	32	33	34	35	36
18	18	17	16	15	14	14

Salt Lake Base Line, Range 15 West.

31	32	33	34	35	36
	19	20	22	22	23

BOOK A-430

4-679 b

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	Salt Lake Base Line Through Range 12 West.				
440	439	438	437	436	435

Salt Lake Base Line Through Range 13 West.					
31	32	33	34	35	36
445	444	443	442	441	440

Salt Lake Base Line Through Range 14 West.					
36	31	32	33	34	35
451	450	449	448	447	446

Salt Lake Base Line Through Range 15 West.					
31	32	33	34	35	36
	452	453	454	455	456

DATE DIAGRAM

Date Diagram of Salt Lake Base Line

Section 12 through Ranges 12, 13, 14, 14½ and 15 West.

Salt Lake Base Line, Range 12 West

----- 6 - 27 / 25 -----					
31	32	33	34	35	36

Salt Lake Base Line, Range 13 West.

----- 6 - 27 & 29 / 25 -----					
31	32	33	34	35	36

R. 14½ W. Salt Lake Base Line, Ranges 14 & 14½ West

----- 7-1 / 25 -----					
36	31	32	33	34	35
					36

Salt Lake Base Line, Range 15 West.

----- 7-1 / 25 -----					
31	32	33	34	35	36

Surveyed by Andrew Nelson, U.S. Cadastral Engineer.

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Survey commenced June 27, 1925, and executed with a Buff & Buff transit No. 9978, equipt with Smith solar attachment and full vertical circle. The horizontal limb is provided with two double verniers placed opposite to each other and reading to single minutes of arc which is also the least count of the verniers of the latitude and declination arc and of the vertical circle.

The instrument was approved for use on this survey by the Asst. Supervisor of Surveys for Utah, conditional upon satisfactory field tests, in assignment instructions dated May 6, 1925.

From recent tests while engaged on surveys under this Group, I know the instrument to be in good adjustment. I begin at the ^{standard} corner of townships 1 north, ranges 11 and 12 west, which is a 3 inch iron post, firmly set in the ground and in a mound of stone, properly marked and witnessed as described in original notes.

June 27th: At a point 4 links south of said township corner, in latitude $40^{\circ} 46' 04''$ N., longitude $113^{\circ} 08' 47''$ W., at 1h 50.7m a.m., by my watch which carries correct 105th meridian time and is 32.6 minutes fast of local mean time, I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, reading the deflection angle from a lath driven firmly in the ground, $\frac{1}{2}$ mile N., east to Polaris.

Azimuth of Polaris at eastern elongation = $1^{\circ} 27.0'$.

Mean deflection angle = $1^{\circ} 26.5'$.

True bearing of lath = $N.0^{\circ}00'30''E.$

MEASUREMENTS:

All measurements are made with a Lallie steel ribbon tape 8 chains in length compared with a Lufkin standard steel tape 1 chain long and found correct. The measure-

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains

ments are made on the slope, the vertical angle determined by clinometers, and the slope measurement properly reduced to true horizontal distances.

The greater portion of the country over which the lines of this survey, Group No. 164, pass is level and open and lies on the Great Salt Lake Desert or Basin. The soil in the basin is of saline character which makes the use of the regulation iron post monument impracticable, therefore dressed fir posts, 3 feet long, 4 inches square with gabled top, saturated with linseed oil, were used in lieu thereof.

At the above station 4 lks. S. of the standard corner of Ts. 1 N., Rs. 11 and 12 W. on the Salt Lake Base Line, I turn off from the reference point which bears N. $0^{\circ}00'30''$ E., an angle of $89^{\circ}58.2'$ toward the west, thence

N. $89^{\circ}58'$ W. on secant, S. of sec. 36.

Over rolling mountainous land, through short scattered undergrowth; gradually descend rocky W. slope from cor. on top of W. edge of spur sloping N.

- 7.75 Cross head of hollow, 70 ft. below cor., drains N.; gradually ascend NE. slope 35 ft. to
- 15.00 Low spur, projects N. 20° W. about $\frac{1}{4}$ mile.; descend 25 ft.
- 19.60 Wash, 10 lks. wide, 1 ft. deep, in E. edge of wide hollow, drains N. 20° W.; gradually ascend across hollow.
- 31.25 W. edge of hollow, begin steep, rocky ascent E. slope of ridge, bears N. and S.
- 37.55 Main ridge or mountain, 125 ft. above hollow, bears N. and S.; gradually descend rocky W. slope.
- 40.00 N. 2 lks. from secant,
Set an iron post, 3 ft. long, 1 in. dia., 12 ins. in the ground to bedrock and surrounded by a mound of stone, for standard $\frac{1}{4}$ sec. cor., with brass cap marked

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains	
	<div><div><div><div>T1N</div><div>S35</div></div><div><div>R12W</div><div>S36</div></div></div><div>1925</div></div>
	Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
	Continue descent over W. slope of mountain.
47.50	N. of line about 4 chs. distant is a black volcanic outcrop, 30 ft. high and 2 chs. diam.
65.00	Base of ridge and leave mountainous land, 275 ft. below ridge, bears N. and S.; continue over level desert land with dense short undergrowth and clay soil.
80.00	On level land, Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the ground, for standard cor. of secs. 35 and 36, with brass cap marked
	<div><div><div><div>T1N</div><div>S35</div></div><div><div>R12W</div><div>S36</div></div></div><div>1925</div></div>
	Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high N. of cor. Also mark a volcanic stone, 22x9x6 ins., marked with 1 groove on E., and 5 grooves on W. face, and deposit alongside iron post.
	Land, rolling mountainous with NE. and W. exposures on E. 65 chs.; level on W. portion.
	Soil, rocky of black volcanic formation, 4th rate on mountainous portion; dry, hard packed clay on desert, 3rd rate.
	Undergrowth, shadscale and greasewood.
	No timber.
	<div><div><div><div>T1N</div><div>S35</div></div><div><div>R12W</div><div>S36</div></div></div><div>1925</div></div>
	N. 89°58' W., on the secant, through sec. 35.
	Over level desert land through short, dense undergrowth.
40.00	S. 2 lks. from the secant, Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard ¼ sec. cor., with brass cap marked

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains

$\frac{1}{4}$ S35

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of post.

Deposit a quart of glass at base of monument.

80.00

S. 3 lks. from the secant,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in the
ground, for standard cor. of secs. 34 and 35, with
brass cap marked

T1N	R12W
S34	S35

1925

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft.,
and N. of post, 7 ft. dist.; and raise a mound of earth,
4 ft. base, 2 ft. high, N. of cor. Also deposit a
volcanic stone, 23x12x6 ins., marked with 2 grooves on
E. and 4 grooves on W. face, alongside post.

Land, level desert.

Soil, heavy, dry, clay, lying on hard-pan; 3rd rate.

Undergrowth, dense short shadscale. No timber.

N. $89^{\circ}59'$ W., on the secant, through sec. 34.

Over level desert through dense, short undergrowth.

40.00

S. 3 lks. from the secant,

Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in
the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$ S34

1925

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.;
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

Deposit a quart of glass at base of monument.

80.00

S. 4 lks. from the secant,

Set an iron post, 3 ft. long, 2 ins. dia., 26 ins. in

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains					
	the ground, for standard cor. of secs. 33 and 34, with brass cap marked				
	<table> <tr> <td>T1N</td><td>R12W</td></tr> <tr> <td>S33</td><td>S34</td></tr> </table>	T1N	R12W	S33	S34
T1N	R12W				
S33	S34				
	1925				
	Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor. Also deposit a volcanic stone, 16x10x9 ins., marked with 3 grooves on E. and W. faces, alongside post.				
	Land, level desert.				
	Soil, heavy, dry clay, lying on hard-pan; 3rd rate.				
	Undergrowth, dense short shadscale with few scattered greasewood. No timber.				
	West, on the secant, through sec. 33.				
	Over level desert land through dense, short undergrowth.				
30.00	S. edge of low sandy rise bearing N.				
40.00	S. 3 lks. from the secant,				
	Set an iron post, 3 ft. long, 1 in. dia., 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., with brass cap marked				
	<u>$\frac{1}{4}$S33</u>				
	1925				
	Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.				
	Deposit a quart of glass at base of monument.				
45.00	Enter sandy and clay mixed soil, and gentle rises, bear N. and SW.				
71.00	Top of sandy rise, 15 ft. high, bears N.30°E. and S.; thence over sandy W. exposure.				
80.00	S. 3 lks. from the secant,				
	Set a black volcanic stone, 18x8x7 ins., 14 ins. in the ground, (no iron post available) for standard cor. of secs. 32 and 33, marked with 4 grooves on E. and				

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains

2 grooves on W. face; raise a small mound of stone (4 rock) N. of cor.; and deposit a quart of glass at base of monument. Soil too loose for pits.

Cor. situated 60 lks. E. of the E. edge of barren alkali flat.

Land, level desert.

Soil, heavy, dry clay and loose sandy; 3rd rate.

Undergrowth, dense shadscale and scattered greasewood.

No timber.

S: 89°59' W., on the secant, through sec. 32.

Over desert land through short undergrowth.

0.60 Leave desert land, enter barren alkali, mud flat of basin on the Great Salt Lake Desert, bears nearly N. and S.

38.00 Enter few scattered salt brush and small hummocks.

40.00 S. 2 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 32 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of post.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, mkd.

T1NR12W on N.,
S32 on E., and
S31 on W. face, with 5 grooves on E.
and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of post.

Land, level flat.

Soil, wet, sticky clay.

Undergrowth, few scattered salt brush.

No timber.

SALT LAKE BASE LINE THROUGH RANGE 12 WEST.

Chains	
	S. $89^{\circ}58'$ W. on the secant, S. of sec. 31. Over level alkali flat through few scattered brush and small hummocks.
40.00	N. 2 lks. from secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S31 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.: and raise a mound of earth, $5\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
45.00	Cross S. end of sandy rise, 10 ft. high, bears N. 10 chs.
80.00	N. 4 lks. from secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of townships 1 north, ranges 12 and 13 west, marked T1N on N., R12WS31 on E., and R13WS36 on W. face., with 6 grooves on N., E., and W. faces. Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. 7 ft. dist.: raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument. Land, level alkali flat with few scattered hummocks. Soil, wet, sticky clay saturated with brine. Undergrowth, scattered salt brush.

SALT LAKE BASE LINE THROUGH RANGE 13 WEST.

	From point 4 lks. S. of cor. Ts. 1 N., Rs. 12 and 13 W., I deflect an angle of $4\frac{1}{2}'$ to the N. from secant line on S. bdy. sec. 31, thence N. $89^{\circ}58'$ W., on the secant, S. of sec. 36. Over level alkali flat through few scattered brush.
44.00	Leave alkali flat, enter low, rolling sandy rises with heavier brush, bears NE. and SW.

SALT LAKE BASE LINE THROUGH RANGE 13 WEST.

Chains	
17.50	Point from which station house at Knolls, on Western Pacific Railroad, bears S. $22\frac{1}{2}^{\circ}$ W., about $3\frac{1}{2}$ miles dist.
23.00	Leave sandy rises, re-enter alkali flat, bears NW. and SE.
40.00	<p>N. 2 lks. from secant,</p> <p>Set a fir post, 3 ft. long; 4 ins. square, 26 ins. in the ground; for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 36 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Station (center) at Knolls, bears S. $18^{\circ}8'$ W.</p> <p>Section house, bears S. $16^{\circ}33'$W., and</p> <p>Section house, bears S. $16\frac{1}{2}^{\circ}$W., all about 3 miles 30 chs. dist.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked</p> <p style="padding-left: 100px;">T1NR13W on N., S36 on E., and S35 on W. face, with 1 groove on E. and 5 grooves on W. face.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Station house at Knolls, bears S. $9^{\circ}36'$ W.</p> <p>Section house at Knolls, bears S. $7^{\circ}54'$W.</p> <p>Section house at Knolls, bears S. $8^{\circ}20'$ W., all about $3\frac{1}{4}$ miles distant.</p> <p>Land, level alkali flat with scattered sandy rises or ridges, from 5 to 25 ft. high.</p> <p>Soil, wet, sticky clay on flat; loose sandy mixed with clay on rises.</p> <p>Undergrowth, scattered salt brush on flats; scattered greasewood on rises.</p>

SALT LAKE BASE LINE THROUGH RANGE 13 WEST.

Chains	<p>N. $89^{\circ}58'$ W., on secant, through sec. 35.</p> <p>Over level alkali flat through few scattered salt brush and small hummocks.</p>
40.00	<p>S. 2 lks. from the secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 35 on N. face; dig pits, $18 \times 18 \times 12$ ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Station house at Knolls, bears $S.0^{\circ}37'$ W., about 3 miles and 15 chs. distant.</p>
53.50	<p>Leave alkali flat, enter low, rolling sandy ridges, from 5 to 30 ft. high, covered with medium growth of brush, bear NE. and SW.</p>
80.00	<p>S. 3 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, mkd.</p> <p style="padding-left: 40px;">T1NR13W on N., S35 on E., and S34 on W., with 2 grooves on E. and 4 grooves on W. face.</p> <p>Dig pits, $18 \times 18 \times 12$ ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat, and low, rolling sandy ridges.</p> <p>Soil, wet, sticky clay, and loose sandy, clay mixed.</p> <p>Undergrowth, salt brush, greasewood and shadscale.</p>
22.00	<p>N. $89^{\circ}59'$ W., on secant, through sec. 34.</p> <p>Over low, rolling sand ridges and hummocks through medium growth of brush.</p> <p>N. edge of large pond of water bears S. of line about 8 chs. distant.</p>

SALT LAKE BASE LINE THROUGH RANGE 13 WEST.

Chains	
40.00	<p>S. 3 lks. from the secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 34 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
73.00	Cross N. edge of alkali flat extending S.
80.00	<p>S. 4 lks. from the secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked</p> <p style="padding-left: 40px;">T1NR13W on N., S34 on E., and S33 on W. face: with 3 grooves on E. and W. faces.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, low, rolling sandy rises or ridges and hummocks, from 5 to 30 ft. high, interspersed with small alkali flats.</p> <p>Soil, loose sandy, mixed with some clay.</p> <p>Undergrowth, greasewood, salt brush and shadscale.</p>
	<hr/> <p>West, on the secant, through sec. 33.</p> <p>Over low, rolling sandy ridges through medium brush.</p>
2.00	Top of low sand ridge, bears N. and S.
4.10	Leave sandy ground, enter clay flat with few scattered brush, bears N. and S.
40.00	<p>S. 3 lks. from the secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 33 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

Chains

Deposit a quart of glass at base of monument.

Note: Encounter brine 1 ft. beneath surface of ground.

54.00 Leave alkali flat, enter brush-covered sand ridges or dunes, bears N. and S.

67.00 Cross N. neck of alkali flat extending S.

80.00 S. 3 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked

T1NR13W on N.,
S33 on E., and
S32 on W. face, with 4 grooves on
E. and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat, and low, gently rolling sandy rises and hummocks.

Soil, wet, sticky clay saturated with mineral in flat, and loose sand, mixed with clay on rises.

Undergrowth, salt brush, greasewood and shadscale.

S. 89°59' W. on secant, through sec. 32.

Over low, rolling, brush-covered sandy ridges.

40.00 S. 2 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S 32 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

73.00 Leave sand ridges, continue over sandy clay soil with scattered small hummocks.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked

T1NR13W on N.,
S32 on E., and

SALT LAKE BASE LINE THROUGH RANGE 13 WEST.

Chains

S31 on W. face, with 5 grooves on E. and 1 groove on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, low, gently rolling sand ridges and flat.

Soil, loose sandy and wet clay.

Undergrowth, scattered tall greasewood and some salt brush.

S. 89°58' W., on the secant, S. of sec. 31.

Over nearly level flat with scattered hummocks and brush.

9.00 Leave sandy formation with brush and hummocks, enter alkali flat void of vegetation, with slight salt surface, bears N. and S.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S31 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Note: Encounter brine 1 ft. beneath surface of ground.

80.00 N. 4 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner of township 1 north, ranges 13 and 14 west, marked

T1N on N.,
R13WS31 on E., and
R14WS36 on W. face. with 6 grooves on N., E. and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Note: encounter brine 1 ft. below surface of ground.

SALT LAKE BASE LINE THROUGH RANGE 14 WEST.

Chains

Land, level alkali flat.

Soil, wet, sticky clay saturated with mineral, and containing some lime or gypsum formation; wet sandy clay on E. portion of mile.

Undergrowth, scattered salt brush on E. end of mile; void of vegetation on greater portion.

SALT LAKE BASE LINE THROUGH RANGE 14 WEST.

From point 4 lks. S. of the standard cor. of Ts. 1 N., Rs. 13 and 14 W., I deflect an angle of $4\frac{1}{2}'$ to the north; thence

N. $89^{\circ}58'$ W., on the secant, S. of sec. 36.

Over level alkali, mud flat, void of vegetation.

40.00 N. 2 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S36 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

80.00 Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, mkd.

T1NR14W on N.,
S36 on E., and
S35 on W. face, with 1 groove on E.
and 5 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet clay, saturated with mineral.

No vegetation.

N. $89^{\circ}58'$ W., on the secant, through sec. 35.
Over level alkali flat, void of vegetation.

SALT LAKE BASE LINE THROUGH RANGE 14 WEST

Chains	
40.00	<p>S. 2 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S35 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.</p>
54.00	<p>Enter few scattered brush-covered hummocks, bears N. and SW.</p>
72.00	<p>Leave same, bears N. and SE.</p>
80.00	<p>S. 3 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 34 and 35, marked T1NR14W on N., S35 on E., and S34 on W. face, with 2 grooves on E. and 4 grooves on W. face. Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument. Land, level alkali flat. Soil, wet, sticky clay, saturated with mineral. Undergrowth, few scattered salt brush on portion of mile.</p> <hr/> <p>N. 89°59' W., on the secant, through sec. 34. Over level alkali flat, void of vegetation.</p>
40.00	<p>S. 3 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S34 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument. Note: Encounter brine 1 ft. below surface of ground.</p>
80.00	<p>S. 4 lks. from the secant,</p>

SALT LAKE BASE LINE THROUGH RANGE 14 WEST.

Chains

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked

T1NR14W on N.,
S34 on E., and
S33 on W. face, with 3 grooves on E.
and W. faces.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft. and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet, sticky clay, saturated with mineral.

No vegetation.

West, on the secant, through sec. 33.

Over level alkali flat, void of vegetation.

16.00 Enter slightly uneven surface with a few widely scattered salt brush and lime or gypsum formation, bears NE. & S.

40.00 S. 3 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S33 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

74.00 Top of low sandy rise, bears N.20°W. for 8 chs. and S.20°E. for about 5 chs. dist. to end.

80.00 S. 3 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 32 and 33, marked

T1NR14W on N.,
S33 on E., and
S32 on W. face, with 4 grooves on E. and 2 grooves on W. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

SALT LAKE BASE LINE THROUGH RANGE 14 WEST.

Chains	
	<p>Land, level flat.</p> <p>Soil, wet clay, with some scattered patches of loose sand.</p> <p>Undergrowth, few scattered salt brush.</p> <hr/> <p>S. $89^{\circ}59'$ W., on the secant, through sec. 32.</p> <p>Over nearly level flat, through scattered brush.</p>
10.70	<p>Top of low sandy rise, bears NW. and SE.; also point from which the two section houses at Barro, on the Western Pacific Railroad, bear S. 25° W. and S. $25^{\circ}18'$ W., both about $3\frac{1}{2}$ miles distant.</p>
40.00	<p>S. 2 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S32 on N. face; dig pits, $18 \times 18 \times 12$ ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Continue over flat with scattered low sandy rises covered with some brush.</p>
80.00	<p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 31 and 32, marked</p> <p style="padding-left: 40px;">T1NR14W on N., S32 on E., and S31 on W. face, with 5 grooves on E. and 1 groove on W. face.</p> <p>Dig pits, $18 \times 18 \times 12$ ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level, with scattered low sand rises or ridges.</p> <p>Soil, wet clay, and loose sand.</p> <p>Undergrowth, scattered salt brush.</p> <hr/>

SALT LAKE BASE LINE THROUGH RANGE 14 WEST.

Chains

S. $89^{\circ}58'$ W., on secant, S. of sec. 31.

Over level flat with scattered sand rises or knolls, from
1 to 10 ft. high, through scattered brush.

40.00 N. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in
the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S31 on
N. face; dig pits, $18 \times 18 \times 12$ ins., E. and W. of post, 3
ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

The two section houses at Barro, bear S. $0^{\circ}21'$ E., and
S. $0^{\circ}44'$ E., about 2 miles and 70 chs. distant.

76.00 Cross N. end of low sandy knoll, extending S. about
8 chs. dist. to end.

80.00 N. 4 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 28 ins. in the
ground, for standard corner of townships 1 north, ranges
14 and $14\frac{1}{2}$ west, marked

T1N on N.,
R14WS31 on E., and
R14 $\frac{1}{2}$ WS36 on W., with 6 grooves on
N., E. and W. faces.

Dig pits, $18 \times 18 \times 12$ ins., on each line, E. and W., 3 ft.,
and N. of post, 7 ft. dist.; and raise a mound of
earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

The two section houses at Barro, bear S. $10^{\circ}15'$ E., and
S. $10^{\circ}38'$ E., approximately 2 miles and 75 chs. distant.
Land, level flat with few scattered small sandy knolls.
Soil, wet clay, saturated with mineral, and patches of
loose sand.

Undergrowth, scattered salt brush.

SALT LAKE BASE LINE THROUGH RANGE $14\frac{1}{2}$ WEST.

From point 4 lks. S. of the standard cor. Ts. 1 N., Rs.

14 and $14\frac{1}{2}$ W., I deflect an angle of $4\frac{1}{2}'$ to the north;

SALT LAKE BASE LINE THROUGH RANGE 14 $\frac{1}{2}$ WEST.

Chains

thence

N. 89°58' W., on secant, S. of sec. 36.

Over level alkali flat, through few scattered brush.

40.00

N. 2 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S36 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

48.05

N. 2 lks. from the secant,

Intersect N. and S. line, South, 50.27 chs. distant from the SE. corner of township 1 north, range 15 west, on the Salt Lake Base Line, hereinafter described.

At point of intersection,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner (SW. Cor.) of township 1 north, range 14 $\frac{1}{2}$ west, marked

T1NR14 $\frac{1}{2}$ WS36 on NE. face, with 6 notches on N. and E. edges.

Dig pits, 18x18x12 ins., N. and E. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 ft. high, NE. of cor. Deposit a quart of glass at base of monument.

Land, level alkali flat.

Soil, wet clay mixed with sand.

Undergrowth, scattered salt brush.

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

I begin at the standard corner of secs. 31 and 32 on the Salt Lake Base Line, range 15 west, which is a deposit of glass 4 ins. in the ground, under a small mound of earth, witnessed by faint traces of pits, N., E. and W. of deposit, 5 ft. dist.; and in E. pit is a stake, well preserved, 2 ins. sq., extending 4 ins. above

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

Chains

azimuth

ground, dimly marked with SCT1NR15W on N., S32 and 5 grooves on E., and S31 and 1 groove on W. face.

I remonument cor with a fir post, 3 ft. long, 4 ins.

square, 26 ins. in the ground, alongside of glass

deposit, marked SCT1NR15W on N.,
S32 on E., and
S31 on W. face, with 5 grooves on
E. and 1 groove on W. face.

July 1, 1925: At the above described corner in latitude
40°46' N., longitude 113°35'W., at 1h 2.5m a.m.,
1.m.t., my watch carries correct 105th meridian
standard time as found by comparison with Western Union
time at Knolls, Utah, on June 30th.; I observe Polaris
at eastern elongation, making 4 observations, two each
with the telescope in direct and reversed positions,
reading the deflection angle from a lath driven firmly
in the ground, $\frac{1}{2}$ mile N., east to Polaris.

Azimuth of Polaris at eastern elongation = 1° 27'3"

Mean deflection angle = 1° 27.0'

True bearing of lath = N.0°00'18"E.

At the above station, I turn off from the reference
point an angle of 89°58.2' towards the east; thence
N. 89°58' E., on secant, through sec. 32.

Over level alkali flat, void of vegetation.

24.00 Enter few scattered brush, bears N. and S.

40.00 S. 2 lks. from secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in
the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S32 on
N. face; dig pits, 18x18x12 ins., E. and W. of post, 3
ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base,
1 $\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

80.00 S. 3 lks. from the secant,

Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in
the ground, for standard cor. of secs. 32 and 33, marked

T1NR15W on W.,
S33 on E., and
S32 on W. face, with 2 grooves on W.
and 4 grooves on E. face.

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

Chains	<p>Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor,</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat.</p> <p>Soil, wet, sticky clay, saturated with mineral, and mixed with some sand.</p> <p>Undergrowth, few scattered salt brush on portion of mile.</p>
40.00	<p>N. 89°59' E., on the secant. through sec. 33.</p> <p>Over level flat, through few scattered brush.</p> <p>S. 3 lks. from secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{2}$ sec. cor., marked $\frac{1}{2}$ S33 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p>
80.00	<p>S. 4 lks. from the secant,</p> <p>Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 33 and 34, marked</p> <p style="text-align: center;">T1NR15W on N., S34 on E., and S33 on W. face, with 3 grooves on E. and W. faces.</p> <p>Dig pits, 18x18x12 ins., on each line, E. and W.; 3 ft., and N. of post, 7 ft. dist.: and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.</p> <p>Deposit a quart of glass at base of monument.</p> <p>Land, level alkali flat.</p> <p>Soil, wet, sticky clay, saturated with mineral, and mixed with some sand.</p> <p>Undergrowth, few scattered salt brush.</p>

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

Chains	entire
	East, on secant, through sec. 34. Over level land, through scattered brush.
40.00	S. 3 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for a standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S34 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
80.00	S. 3 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for a standard cor. of secs. 34 and 35, marked T1NR15W on N., S35 on E., and S34 on W. face, with 4 grooves on W. and 2 grooves on E. face. Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. Deposit a quart of glass at base of monument. Land, level alkali flat. Soil, wet, sandy clay, saturated with mineral. Undergrowth, few scattered salt brush.
	S. 89°59' E., on secant, through sec. 35. Over level flat, through scattered brush.
8.00	Ground becomes slightly uneven with scattered sandy rises.
40.00	S. 2 lks. from the secant, Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S35 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Deposit a quart of glass at base of monument.
80.00	Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard cor. of secs. 35 and 36, marked

SALT LAKE BASE LINE THROUGH RANGE 15 WEST.

Chains

73.00 to 100.00 on N. face, marked T1NR15W on N., S36 on E., and S35 on W. face, with 5 grooves on W. and 1 groove on E. face.

Dig pits, 18x18x12 ins., on each line, E. and W., 3 ft., and N. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Deposit a quart of glass at base of monument.

Land, level alkali flat with few small sand rises.

Soil, wet sandy clay.

Undergrowth, scattered salt brush.

S. 89°58' E., on secant, S. of sec. 36.

Over level flat with few small sand rises or knolls, through scattered brush.

39.80 Top of sand rise, 5 ft. high, extends S. $1\frac{1}{2}$ chs. and N. 3 chs. to end.

40.00 N. 2 lks. from the secant,
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor., marked $\frac{1}{2}$ S36 on N. face; dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

Deposit a quart of glass at base of monument.

80.00 N. 4 lks. from the secant,
Set a fir post, 3 ft. long, 4 ins. square, 26 ins. in the ground, for standard corner (SE. cor.) of township 1 north, range 15 West, marked

T1NR15WS36 on NW. face, with 6 notches on N. and W. edges.

Dig pits, 18x18x12 ins., N. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, NW. of cor.

Deposit a quart of glass at base of monument.

Land, level flat with few small sand rises or knolls, 1 to 10 ft. high.

Soil, sandy clay, wet and saturated with mineral.

24

Note: The Salt Lake Base Line makes an offset of 50.27 chs. dist. to the south, from this point, to the SW. cor. of T. 1 N., R. 14 $\frac{1}{2}$ W.

The Base Line was not double chained for the reason that during the progress of surveys under this Group lines were initiated upon and closed upon this line, also all measurements of the tape were double checked.

GENERAL DESCRIPTION.

With the exception of the east portion of range 12 west, which crosses a low desert mountain bearing north and south, the Base Line crosses level, open land of the Great Salt Lake Desert or Basin. The land both to the north and south is level. The soil is clay, saturated with alkali and saline minerals.

Survey completed July 1, 1925.

CADASTRAL ENTREN

I. Andrew Nelson, U.S. Cadastral Engineer

Lake

Andrew Nelson
U.S. Cadastral Engineer

OFFICE OF THE UNITED STATES ~~SURVEYOR GENERAL~~ ^{Supervisor of Surveys}

The foregoing field notes of the survey of Salt Lake Base Line through Ranges 12,
13, 14, 14 $\frac{1}{2}$ and 15 West, S. L. M.,

executed by Andrew Nelson, U. S. Cadastral Engineer.

April 11, 1925

19 , having been

critically examined, and the necessary corrections and explanations made, the said field notes, and the survey
they describe, are hereby approved.

Supervisor of Surveys

100-443887-100

I certify that the foregoing transcript of the field notes of the above-described surveys in

has been correctly copied from the original notes on file in this office.

U. S. Surveyor